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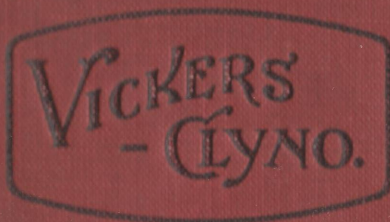
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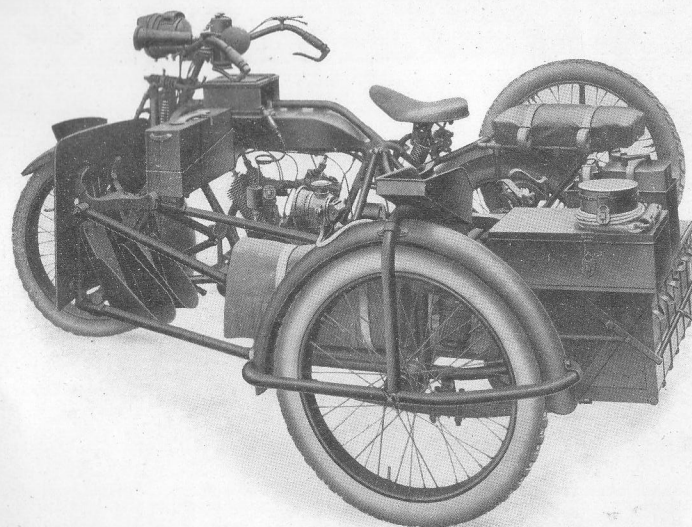
**MOTOR
MACHINE GUN
EQUIPMENTS**

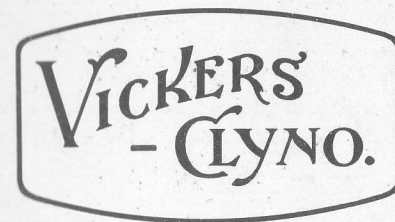
MARK IV

1915

PART LIST

ERRATUM.—The illustration on page 3 is incorrectly described as the Reserve Gun-Carrying Outfit, it is the Ammunition-Carrying Equipment; the former being shewn on the Frontispiece opposite.





MARK IV

**MOTOR MACHINE GUN
EQUIPMENTS**

PART LIST

1915.



VICKERS LTD
LONDON
AND
THE CLYNO ENGINEERING CO
WOLVERHAMPTON





INTRODUCTION.



IN compiling this Parts List we have endeavoured to render the identification of each individual part as simple as possible. With that object in view we have therefore illustrated each item by a line diagram, and in order to save confusion have depicted every detail of the Equipment in this manner. It will be seen that each item bears a detail number and we would point out that both this detail number and the nomenclature are entirely our own. In view of the continual alteration and improvement of design we have been obliged to distinguish one design from another, and have therefore allotted to each design a distinctive MARK No.

In ordering Spare Parts from the Illustrated Part List it is necessary to quote the detail number of each part, and, to avoid any error it is advantageous to append also the name of the part. It is not essential however, to quote the MARK No. of the Equipments. The Illustrated Part List covers all, and only, the material ordered by War Office contract for these Equipments, and therefore does not include

Introduction.—Continued.

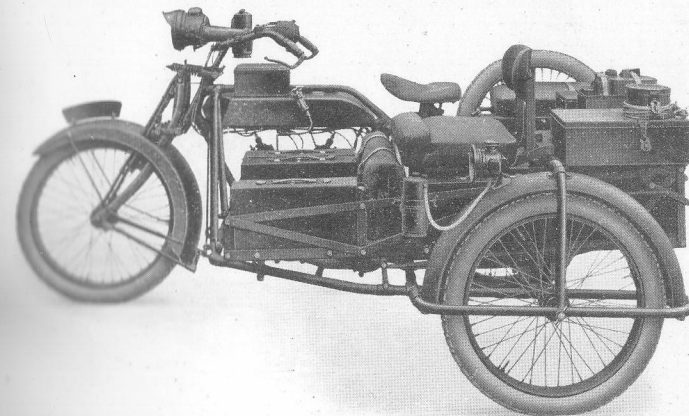
Machine Gun and Gun Tripod, which, though necessary to the Equipments, do not constitute an integral part of the same.

We trust that no difficulty will be experienced in the use of this Part List and that in its correct function it may be the means of our giving every help and assistance.

We are,

Your obedient servants,

**Messrs. Vickers Ltd. and
The Clyno Engineering Co.**



Reserve Gun-Carrying Outfit.



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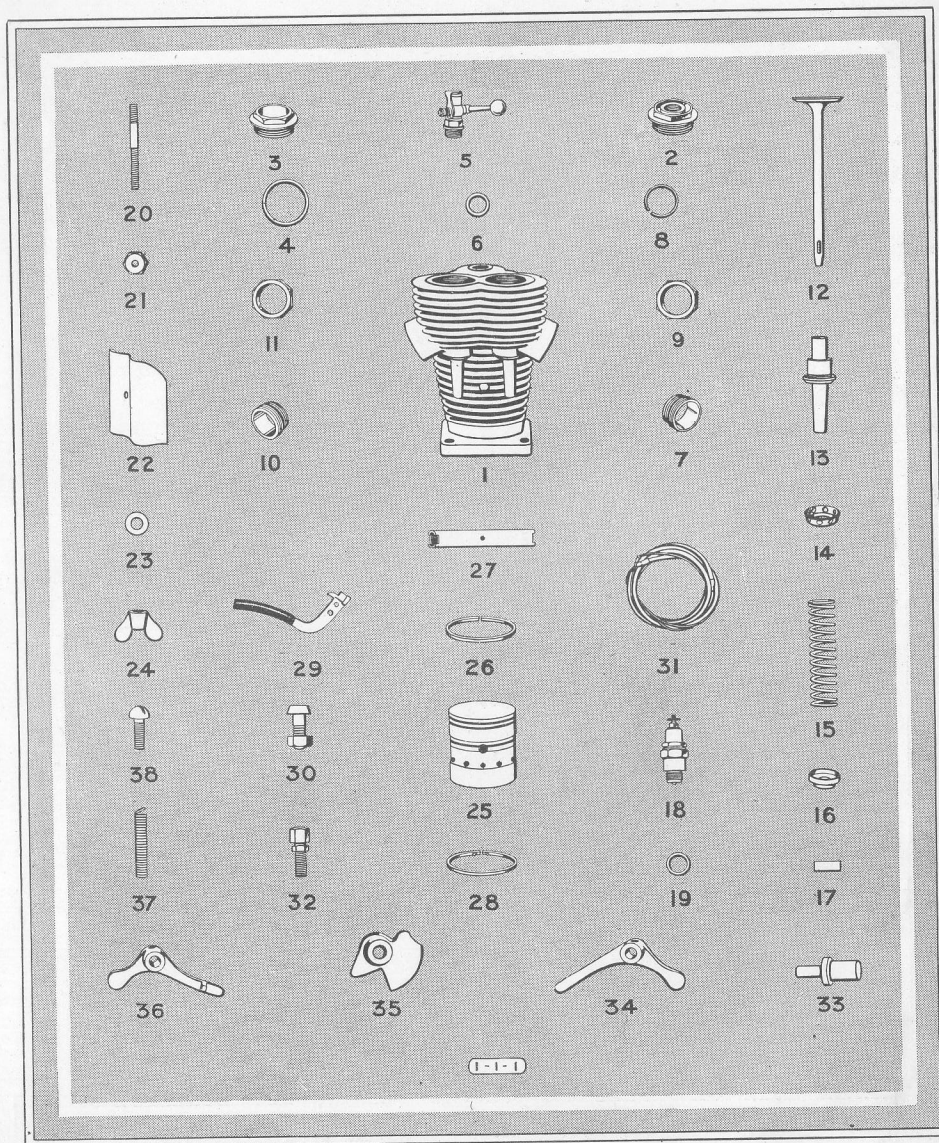
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Wheel	76-77
Accessories	78-79



MOTOR
CYCLE.



ENGINE.

DIAGRAM No.	DETAIL No.	PART.
1	3383	Cylinder complete with valve guides
2	1166	Inlet valve plug
3	1167	Exhaust valve plug
4	1544	Copper and asbestos joint washer for valve plugs
5	1546	Compression tap
6	1545	Compression tap joint washer
7	609	Inlet nipple
8	611	Inlet split ring
9	610	Inlet nut
10	612	Exhaust nipple
11	613	Exhaust nut
12	1178	Valve stem (inlet or exhaust, both are the same)
13	1181	Valve guide
14	1101	Valve spring thimble
15	606	Valve spring (inlet or exhaust, both are the same)
16	1982	Valve washer
17	1175	Valve cotter
18	1074	Sparking plug
19	1545	Sparking plug joint washer
20	615	Stud for aluminium valve cover plate
21	1092	Hexagon nut for ditto, $\frac{3}{16}$ "
22	663	Aluminium valve cover plate
23	2032	Washer for ditto, $\frac{3}{16}$ "
24	660	Wing nut for ditto, $\frac{3}{16}$ "
25	1874	Piston
26	617	Piston ring
27	1875	Gudgeon pin
28	1876	Gudgeon pin ring with pegs
29	3104	Valve lifter lever
30	1647	Fulcrum screw and nut for ditto
31	1648	Inner cable and covering complete
32	1550	Adjustable stop for valve lever cable complete with lock nut
33	646	Valve lifter lever stud
34	3384	Valve lifter lever (front) complete with pin
35	649	Valve lifter cam lever
36	3385	Valve lifter lever (back) complete with pin
37	1549	Spring for valve lifter cam lever
38	650	Screw for spring

MOTOR
CYCLE.



ENGINE.

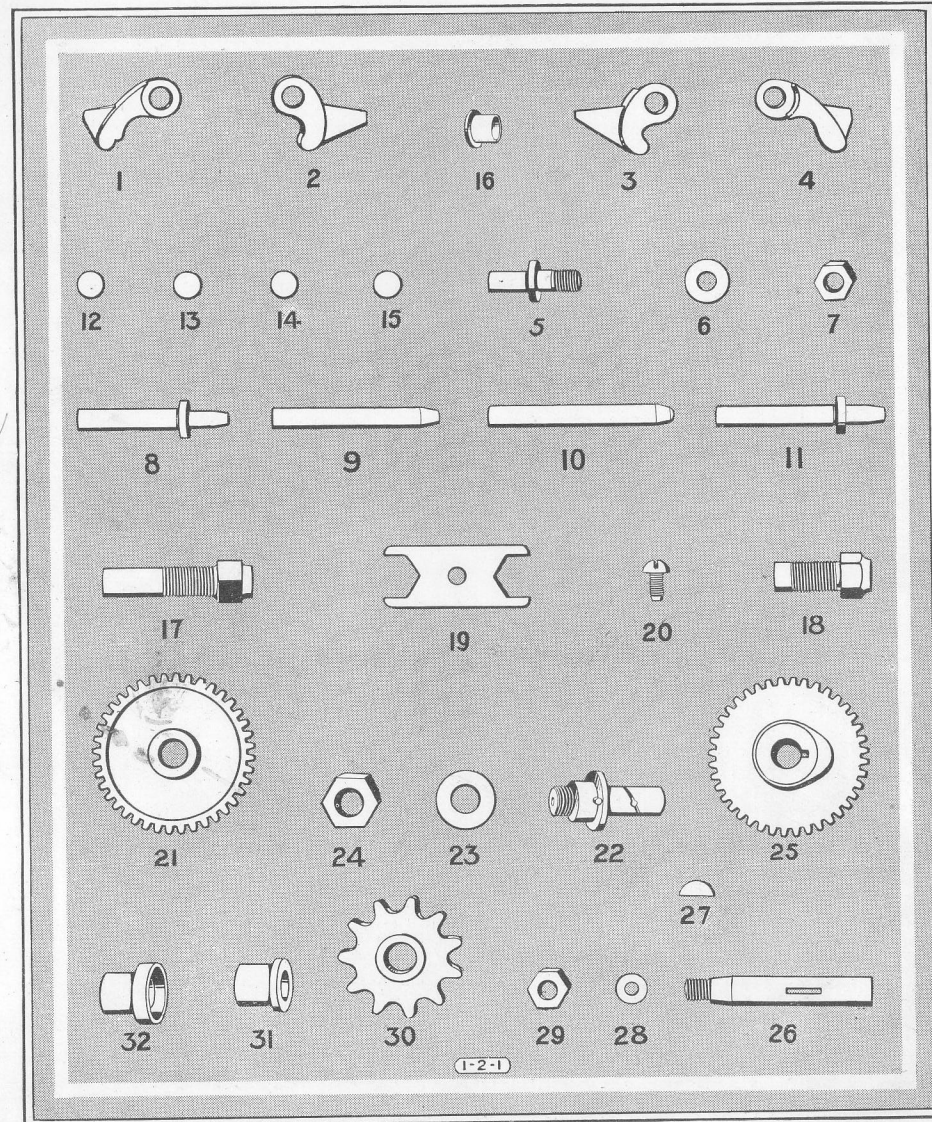
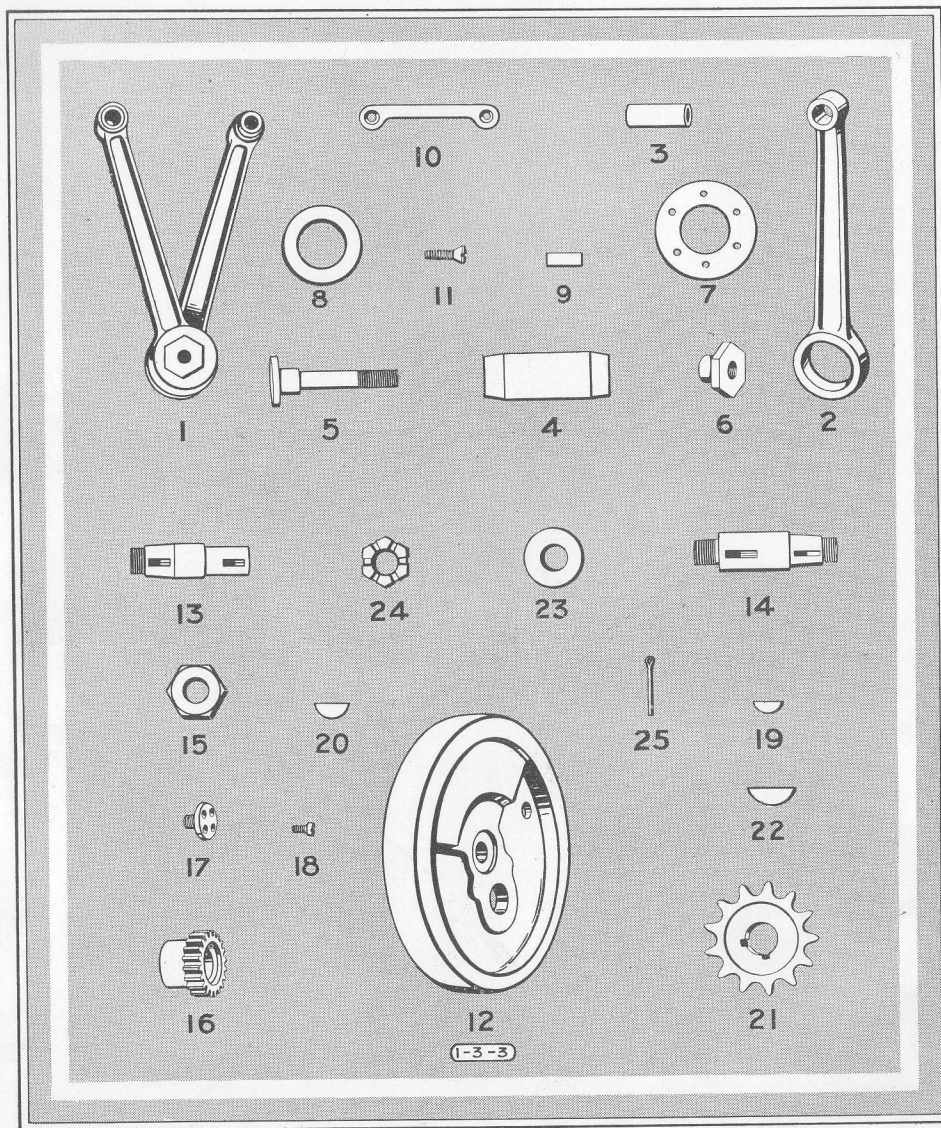
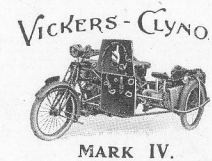


DIAGRAM No.	DETAIL No.	PART.
1	965	Back exhaust toggle
2	964	Back inlet toggle
3	642	Front inlet toggle
4	643	Front exhaust toggle
5	644	Toggle shaft (back or front, both are the same)
6	2043	Washer for toggle shaft
7	729	Nut for toggle shaft
8	1989	Back exhaust tappet
9	1987	Back inlet tappet
10	1986	Front inlet tappet
11	1988	Front exhaust tappet
12	2137	Adjusting disc for valve tappet $\frac{1}{8}$ "
13	3386	Ditto $\frac{1}{32}$ "
14	3387	Ditto $\frac{3}{16}$ "
15	3388	Ditto $\frac{1}{16}$ "
16	1983	Cap for valve tappet
17	1984	Tappet guide long (exhaust)
18	1985	Tappet guide short (inlet)
19	989	Tappet guide locking piece
20	1254	$\frac{1}{4}$ " Screw for ditto
21	633	Cam gear front
22	635	Fixed cam gear shaft
23	2044	Washer for ditto
24	1109	$\frac{1}{2}$ " Nut for ditto
25	634	Cam gear back
26	636	Magneto sprocket shaft
27	2004	Woodruff key for ditto
28	2043	Washer for ditto
29	729	Nut for ditto
30	666	Magneto sprocket
31	637	Bronze bush in case for magneto shaft
32	638	Bronze bush in cover for magneto shaft

(1-2-1)

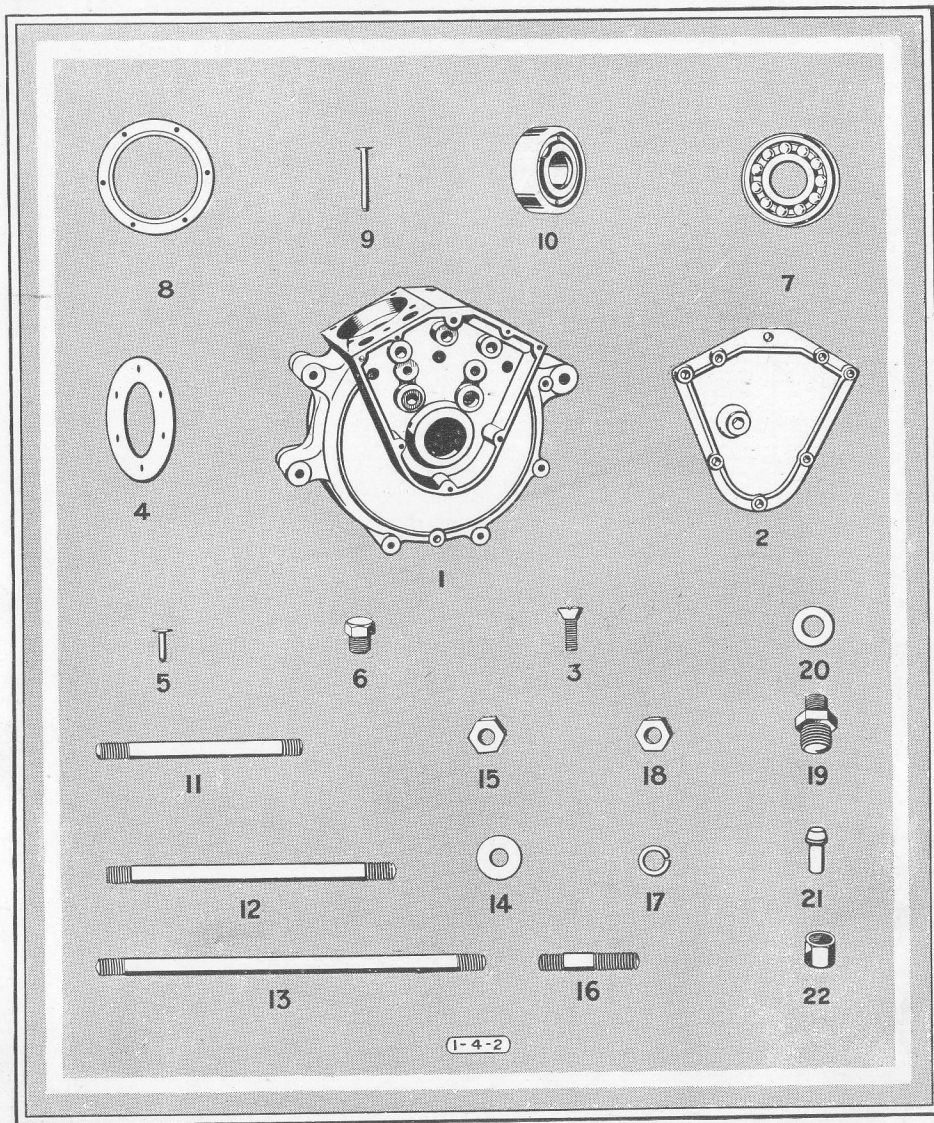


MOTOR
CYCLE.

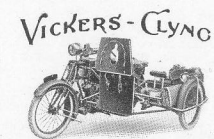


ENGINE.

DIAGRAM No.	DETAIL No.	PART.
1	3389	Pair of connecting rods complete
2	1188	Connecting rod (front or back)
3	1193	Small end bush
4	3243	Crank pin
5	3244	Crank pin bolt
6	3252	Special nut for crank pin bolt
7	1161	Outside crank pin washer
8	1162	Inside crank pin washer
9	1160	Roller for crank pin
10	3587	Locking strip
11	724	$\frac{3}{16}$ " Countersunk head screw for strip
12	1193	Flywheel (either side)
13	3841	Gear side shaft
14	1185	Driving side shaft
15	628	$\frac{1}{2}$ " Nut for flywheel end on either gear side or driving side shaft
16	3842	Small gear
17	690	Special security screw for gear
18	750	$\frac{1}{8}$ " Cheese head lock screw
19	2002	Woodruff key for gear side shaft (one used for taper end fitting into flywheel ; one for holding gear)
20	2004	Woodruff key for flywheel end of driving side shaft
21	4011	Engine sprocket, 13 T.
22	2008	Woodruff key for shaft and engine sprocket
23	2038	$\frac{9}{16}$ " Washer for driving shaft
24	1179	$\frac{9}{16}$ " Castle nut for driving shaft
25	2065	Split pin for driving shaft



MOTOR
CYCLE.

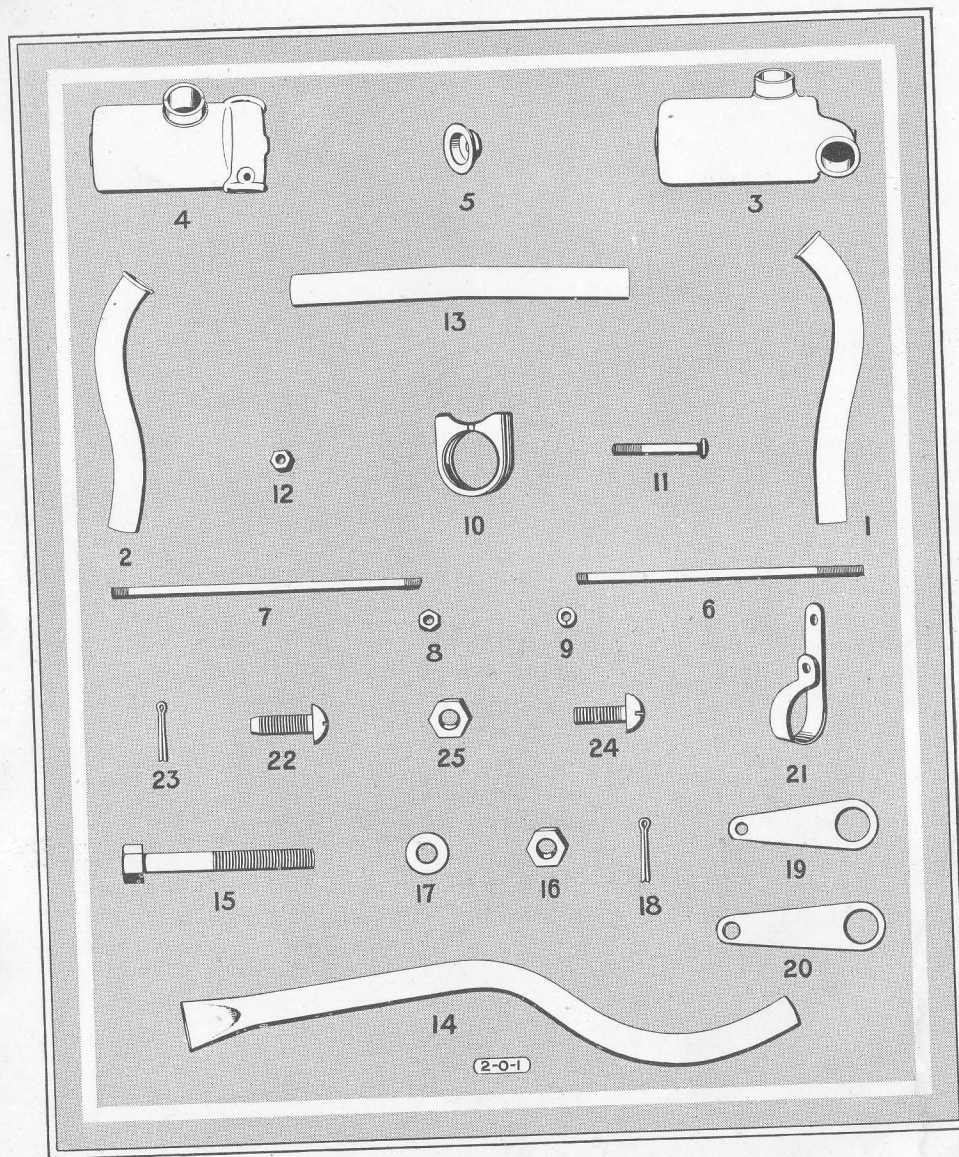


ENGINE.

MARK IV.

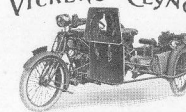
DIAGRAM No.	DETAIL No.	PART.
1	2121/2	Crank case, both halves machined and fitted together with steel crank case plate. (Half crank cases cannot be supplied, they are machined in one piece and as such must be ordered).
2	3408	Crank case cover with bush complete
3	745	Crank case cover screw
4	1108	Crank case plate
5	1553	Copper rivet for crank case plate
6	662	Oil drain plug
7	967	$\frac{7}{8}$ " Ball bearing for sprocket side shaft complete
8	3458	Steel retaining ring for ball bearing
9	3459	Copper rivet for ditto
10	732	Ball bearing for gear side of case
11	1411	Case bolt short $\frac{5}{16}$ " \times $2\frac{7}{8}$ "
12	656	Case bolt medium $\frac{5}{16}$ " \times $4\frac{3}{4}$ "
13	657	Case bolt long $\frac{5}{16}$ " \times $6\frac{3}{16}$ "
14	2034	$\frac{5}{16}$ " Washer for case bolts
15	993	$\frac{5}{16}$ " Nut for case bolt
16	659	$\frac{5}{16}$ " Cylinder stud
17	2081	$\frac{5}{16}$ " Spring washer for ditto
18	993	$\frac{5}{16}$ " Nut for ditto
19	1094	Oil pipe union body to screw into crank case
20	1373	Fibre washer for ditto
21	3660	Nipple for ditto
22	3659	Nut for ditto

1-4-2



MOTOR
CYCLE.

VICKERS-CLYNO

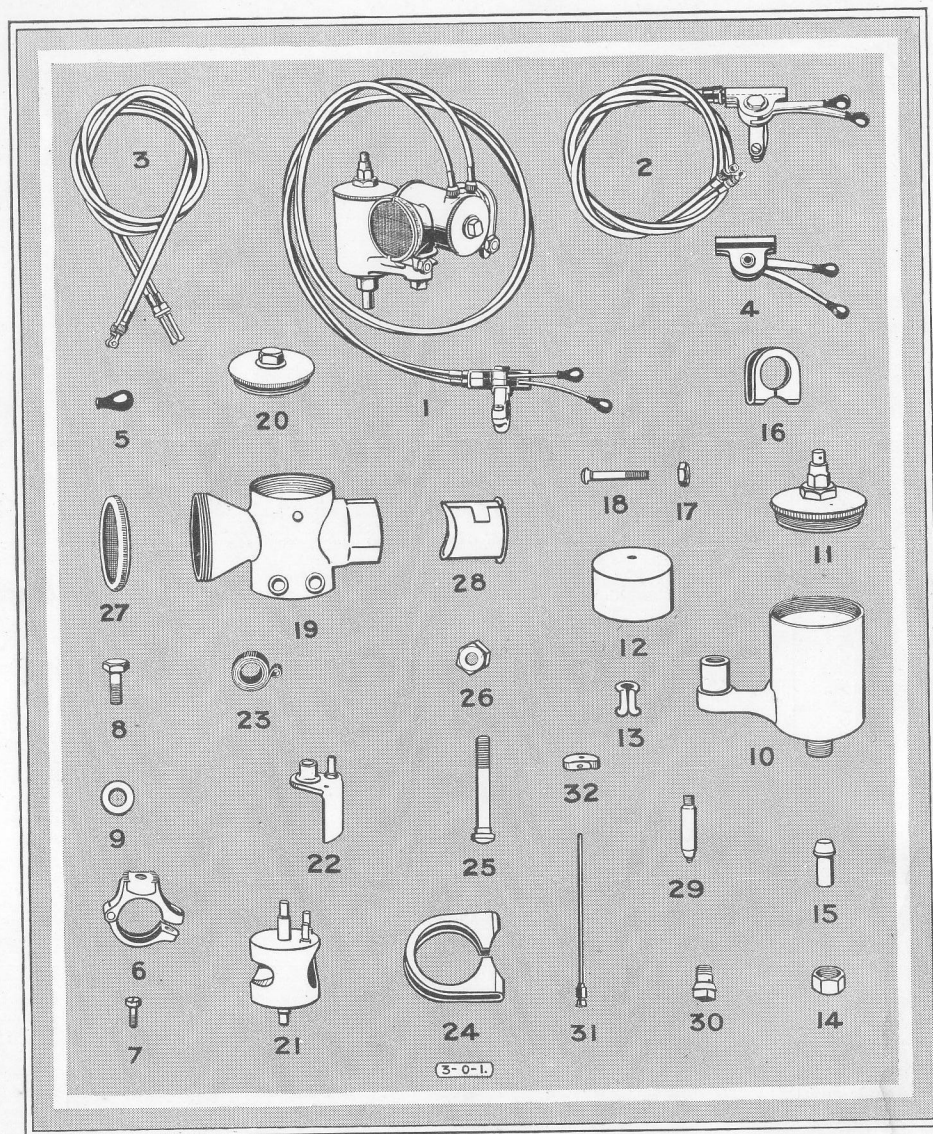


MARK IV.

SILENCERS AND
EXHAUST PIPES.

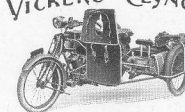
DIAGRAM No.	DETAIL No.	PART.
1	1574	Back cylinder exhaust pipe
2	1575	Front cylinder exhaust pipe
3	2123	Front silencer body
4	2124	Back silencer body
5	1947	Small end cap for silencer
6	1873	Front silencer bolt
7	1948	Back silencer bolt
8	1559	Nut for silencer bolts
9	2080	Spring washer for ditto
10	1879	Clip for cylinder exhaust pipe
11	858	Bolt only for ditto
12	1559	Nut for ditto
13	1576	Exhaust pipe from front to back silencer
14	1577	Long exhaust pipe from back silencer to rear
15	858	Bolt for fixing same to back silencer
16	1559	$\frac{1}{4}$ " Nut for ditto
17	2080	$\frac{1}{4}$ " Spring washer for ditto
18	2060	Split pin for bolt
19	1163	Front silencer support (short)
20	1164	Back silencer support (long)
21	1623	Long exhaust pipe clip
22	1013	$\frac{1}{4}$ " Round head screw for ditto
23	2060	Split pin for ditto
24	1254	$\frac{1}{4}$ " Round head screw (short)
25	1559	$\frac{1}{4}$ " Nut for ditto

(2-0-1)



MOTOR
CYCLE.

VICKERS-CLYNO



MARK IV.

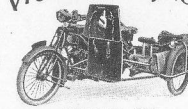
CARBURETTOR
AND CONTROLS.

DIAGRAM No.	DETAIL No.	PART.
1	3097	Senspray carburettor complete with all controls
2	S.C. 01	Carburettor controls only including bracket, levers, clip, cables and covering
3	S.C. 02	Cables and covering with connections at both ends to fit to bracket at handlebar and screwed caps and eye pieces for carburettor end
4	S.C. 03	Bracket complete with two hand levers and slides
5	S.C. 23	Vulcanite tip for control levers
6	S.C. 04	Clip for bracket
7	S.C. 05	Cheese head screw for ditto
8	S.C. 11	Hexagon head screw for ditto
9	S.C. 06	Washer for ditto
10	S.C. 96	Float chamber body
11	S.C. 98	Float chamber screw top complete with tickler
12	S.C. 86	Float
13	S.C. 07	Tubular support for float
14	S.C. 29	Union nut for bottom of float chamber
15	S.C. 30	Nipple for ditto
16	S.C. 85	Float chamber clip
17	S.C. 95	Nut for clip bolt
18	S.C. 94	Clip bolt
19	S.C. 08	Throttle chamber
20	S.C. 115	Screwed cap for throttle chamber (top or bottom)
21	S.C. 113	Duplex rotary throttle
22	S.C. 114	Auxiliary air valve or shutter
23	S.C. 120	Drum spring
24	S.C. 62	Induction pipe clip
25	S.C. 63	Bolt for ditto
26	S.C. 64	Nut for ditto
27	S.C. 127	Air filter gauze
28	S.C. 09	Inlet adaptor
29	S.C. 92	Jet
30	S.C. 32	Base for jet
31	S.C. 87	Needle valve
32	S.C. 89	Needle valve spring clip
33	3410	Inlet pipe (not illustrated)

(3-0-1)

MOTOR
CYCLE.

VICKERS-CLYNO



MARK IV.

MAGNETO
and
FITTINGS.

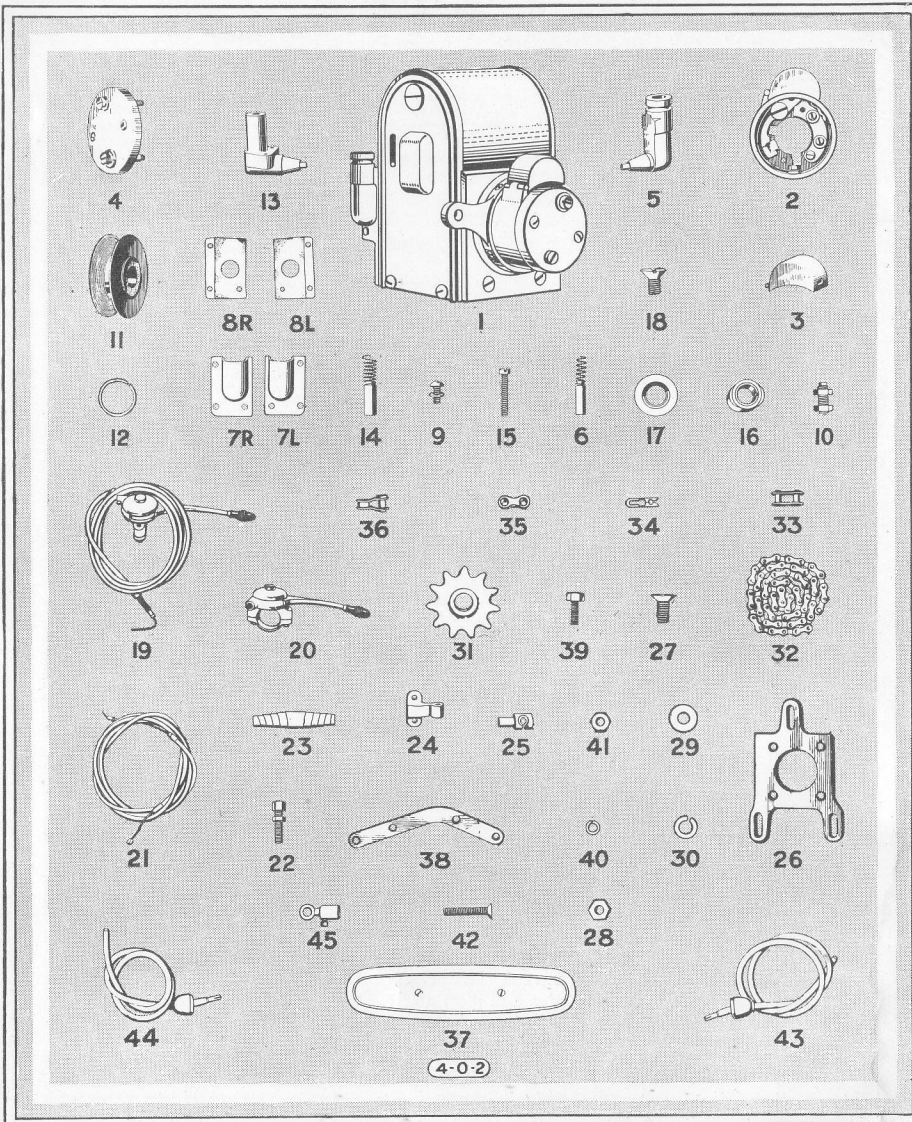
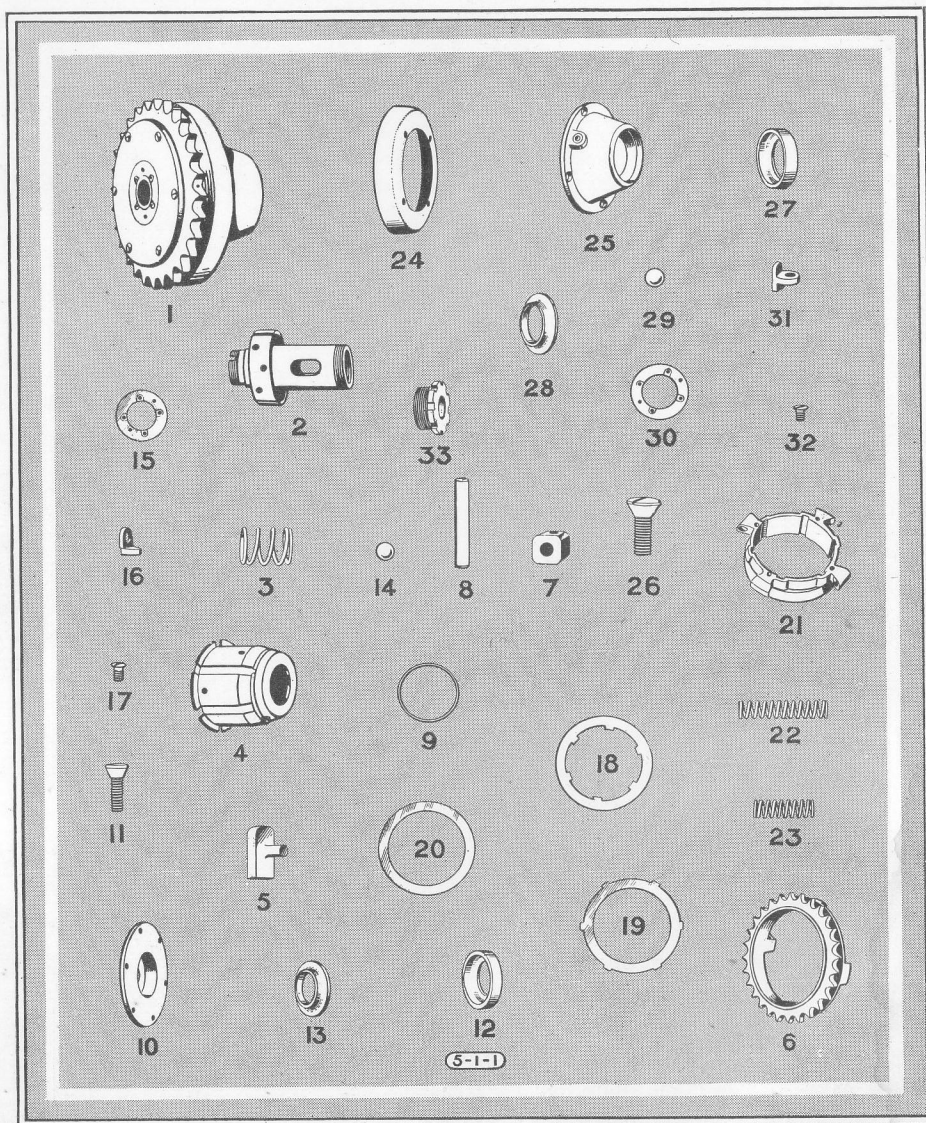


Diagram No.	Detail No.	PART.
1	4210	Dixie M2 55 magneto
2	D 4119C	Breaker box assembly with cover
3	D 4119	Breaker box cover
4	D 4143A	Condensor box complete with condensor
5	D 4112	Secondary collector brush holder
6	D 1492A	Carbon brush with spring
7R	D 4113 R	Brush holder support (right hand)
7L	D 4113 L	Brush holder support (left hand)
8R	D 4134 R	Rubber gasket (right hand)
8L	D 4134 L	Rubber gasket (left hand)
9	D 226A	Plate screws with lock washers
10	D 4029	Contact screw with platinum and lock nuts
11	D 4077	Secondary spool
12	D 4153	Shaft ring
13	D 4115	Secondary distributor brush holder
14	D 2724A	Carbon brush with spring
15	D 3251A	Advance lever fastening screws
16	D 4144	Cam
17	D 4177	Cam washer
18	D 210	Cam screw
19	3101	Magneto control complete with lever, clip, cables and stop
20	3673	Magneto control lever with clip and two screws
21	3674	Cable covering complete
22	3675	Adjusting screw and lock nut for ditto
23	3493	Spring for returning contact breaker to original position
24	2135	Magneto cable support
25	2136	Magneto control swivel
26	855	Aluminium base plate for screwing to magneto
27	856	Countersunk screw for ditto $\frac{3}{8}'' \times \frac{1}{8}''$
28	998	Nut for securing base plate to frame $\frac{5}{16}''$
29	2034	Washer for ditto
30	2081	$\frac{5}{16}''$ Spring washer
31	666	Magneto sprocket
32	861	Magneto chain $\frac{1}{2}'' \times \frac{1}{8}''$, 61 links
33	3488	Spring clip link for magneto chain
34	1821	Spring only for spring clip link
35	1061	Inner link for ditto
36	1060	Cranked link for ditto
37	3492	Magneto chain case, both halves complete with countersunk screws
38	927	Plate bracket
39	661	$\frac{1}{4}''$ Hexagon screw for ditto
40	2080	$\frac{1}{4}''$ Spring washer
41	1559	$\frac{1}{4}''$ Nut
42	1599	Countersunk head screw for securing front half of magneto chain case
43	3100	High tension cable with plug connection for magneto back cylinder
44	3099	High tension cable with plug connection for magneto front cylinder
45	1071	Cable terminable for sparking plug end



MOTOR
CYCLE.

VICKERS - CLYNO

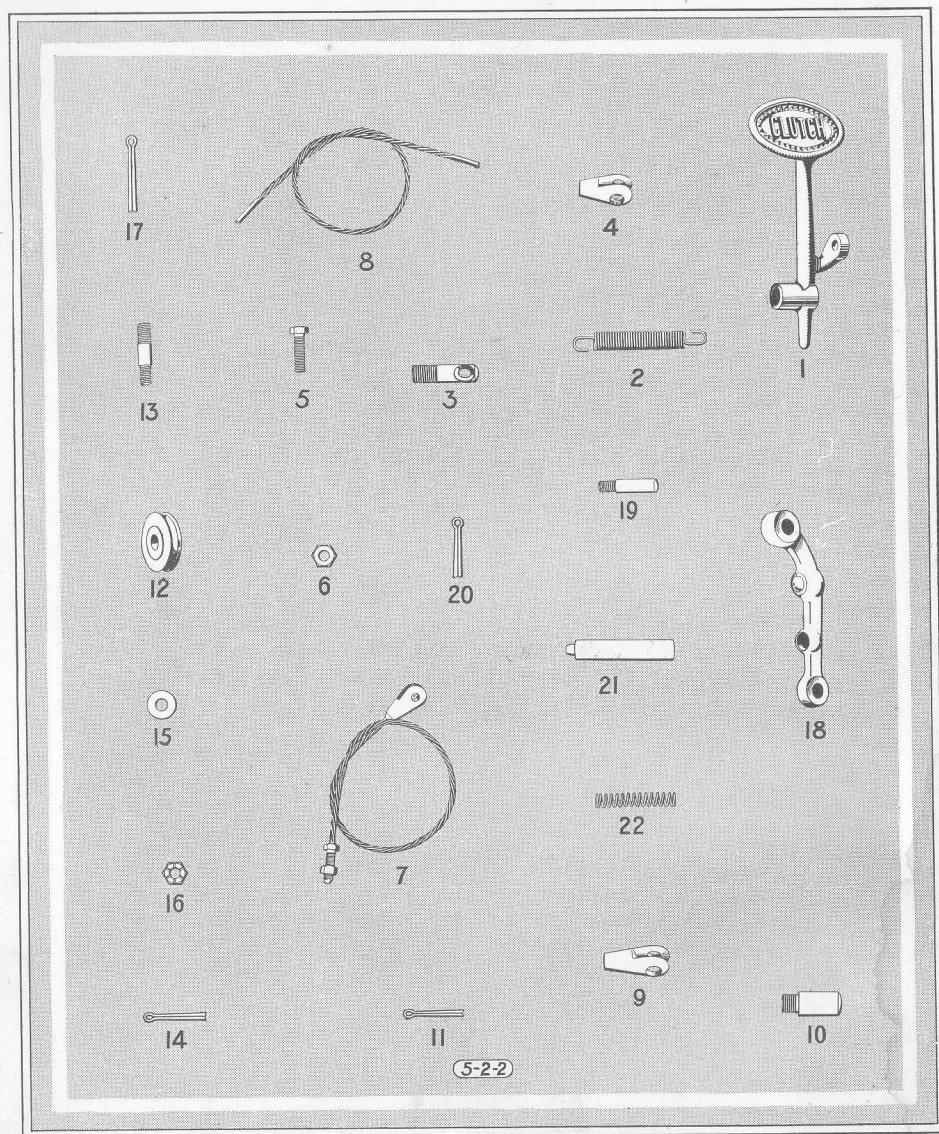


MARK IV.

CLUTCH.

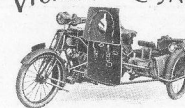
DIAGRAM No.	DETAIL No.	PART.
1	3409	Clutch complete
2	1558	Clutch centre
3	786	Clutch spring
4	3411	Clutch drum with three keys fitted complete
5	751	Clutch drum key
6	705	Clutch sprocket
7	3731	Square thrust block
8	1183	$\frac{3}{8}$ " Operating stop pin
9	754	Spring ring
10	760	Back cover
11	724	$\frac{3}{16}$ " Countersunk head screw
12	736	Small ball cup for back of clutch
13	737	Small ball cone
14	1555	$\frac{1}{4}$ " Ball for ditto (19 in the set)
15	772	Small cone nut
16	752	Special lock key for ditto
17	753	$\frac{1}{8}$ " Screw for key
18	762	Inner steel plate
19	761	Outer bronze plate
20	765	Large plate washer
21	719	Outer clutch drum
22	1025	Driving spring
23	1026	Recoil spring
24	720	Spring drive shield
25	3412	Outer aluminium cover complete with spring lubricator
26	745	$\frac{1}{4}$ " Countersunk head screw
27	738	Large ball cup front
28	739	Large ball cone front
29	1555	Set of $\frac{1}{4}$ " balls
30	771	Large cone nut
31	3121	Special double lock key
32	753	$\frac{1}{8}$ " Lock screw for key
33	768	Screwed centre sleeve

(5-1-1)



MOTOR
CYCLE.

VICKERS-CLYNO.

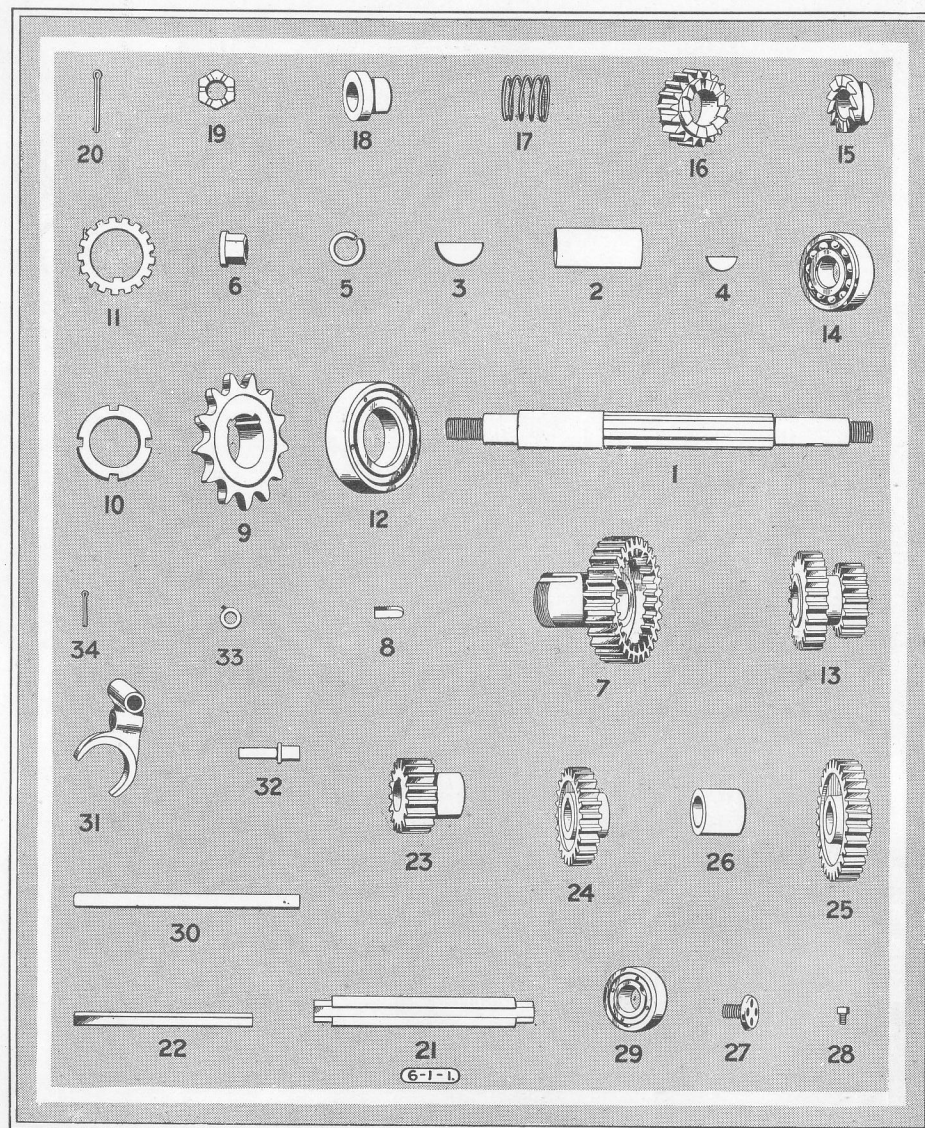


MARK IV.

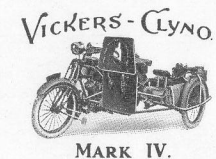
CLUTCH
CONTROLS.

DIAGRAM No.	DETAIL No.	PART.
1	3349	Clutch pedal
2	787	Pedal spring
3	784	Spring eye
4	783	Fork end for pedal
5	778	Cable adjusting screw
6	1709	$\frac{5}{16}$ " Lock nut for ditto
7	3414	Cable complete with adjusting screw and lock nut at front end and fork end at back
8	1098	Cable only
9	781	Fork end only for back end of cable
10	782	Fork end pin
11	2060	Split cotter for ditto
12	779	Pulley
13	780	Pulley axle
14	2065	Split cotter for axle outside
15	2034	$\frac{5}{16}$ " Washer
16	2101	$\frac{5}{16}$ " Castle nut
17	2063	Split cotter for axle inside
18	3415	Clutch lever complete with ball
19	776	Fulcrum pin for clutch lever
20	2060	Split cotter for ditto
21	1190	Clutch push rod
22	788	Clutch lever spring

5-2-2



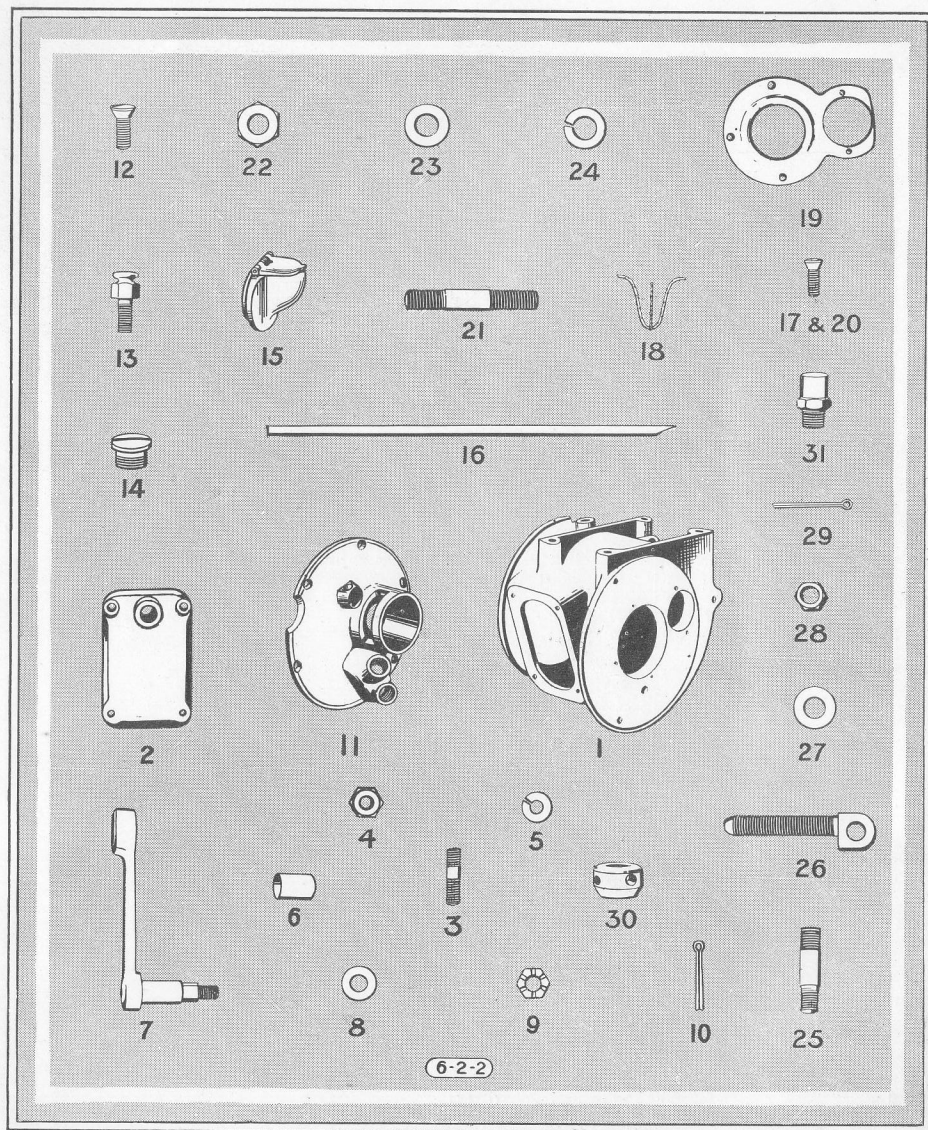
MOTOR
CYCLE.



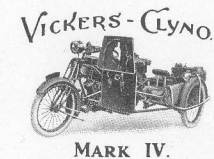
GEAR BOX
& CONTROLS.

DIAGRAM No.	DETAIL No.	PART.
1	3406	Main gear shaft and bush complete
2	688	Bronze bush only for main gear shaft
3	2008	Woodruff key $\frac{3}{4} \times \frac{5}{16}$
4	2002	Woodruff key $\frac{1}{2} \times \frac{3}{16} \times \frac{1}{4}$ (two keys of this size are fitted into the one key-way)
5	2075	$\frac{9}{16}$ Spring washer
6	684	$\frac{9}{16}$ Special collar nut for securing clutch to main gear shaft
7	692A	Sleeve gear with internal gear
8	722	$\frac{1}{4}$ Key for sleeve gear
9	706	Driving sprocket 13T $\frac{3}{4}$ pitch
10	707	Driving sprocket nut
11	708	Special lock washer for ditto
12	723	Large ball bearing for sleeve gear
13	1556	Sliding pair gear 23T and 17T
14	732	$\frac{3}{4}$ Ball bearing for small end of main shaft
15	710	Ratchet sleeve
16	712	Starter pinion 18T
17	711	Pinion spring
18	709	Pinion sleeve
*19	* 683	Castle nut for starter end of main gear shaft
*20	*2065	Split cotter for ditto
21	689A	Lay shaft
22	702	Key for ditto
23	747	Constant mesh pinion 17T
24	748	Middle gear pinion 24T
25	694A	Low gear pinion 30T
26	687	Lay shaft distance piece
27	690	Bearing screw for end of lay shaft
28	750	$\frac{1}{8}$ Lock screw for ditto
29	733	Ball bearing for lay shaft
30	685	Slide bar
31	701	Jaw clutch
32	698	Pin for jaw clutch
33	2045	$\frac{5}{16}$ Washer for jaw clutch pin
34	2062	Split cotter for ditto

*NOTE.—A plain nut, Detail No. 628 and a spring washer, Detail No. 2075 are now fitted instead of the two items illustrated.



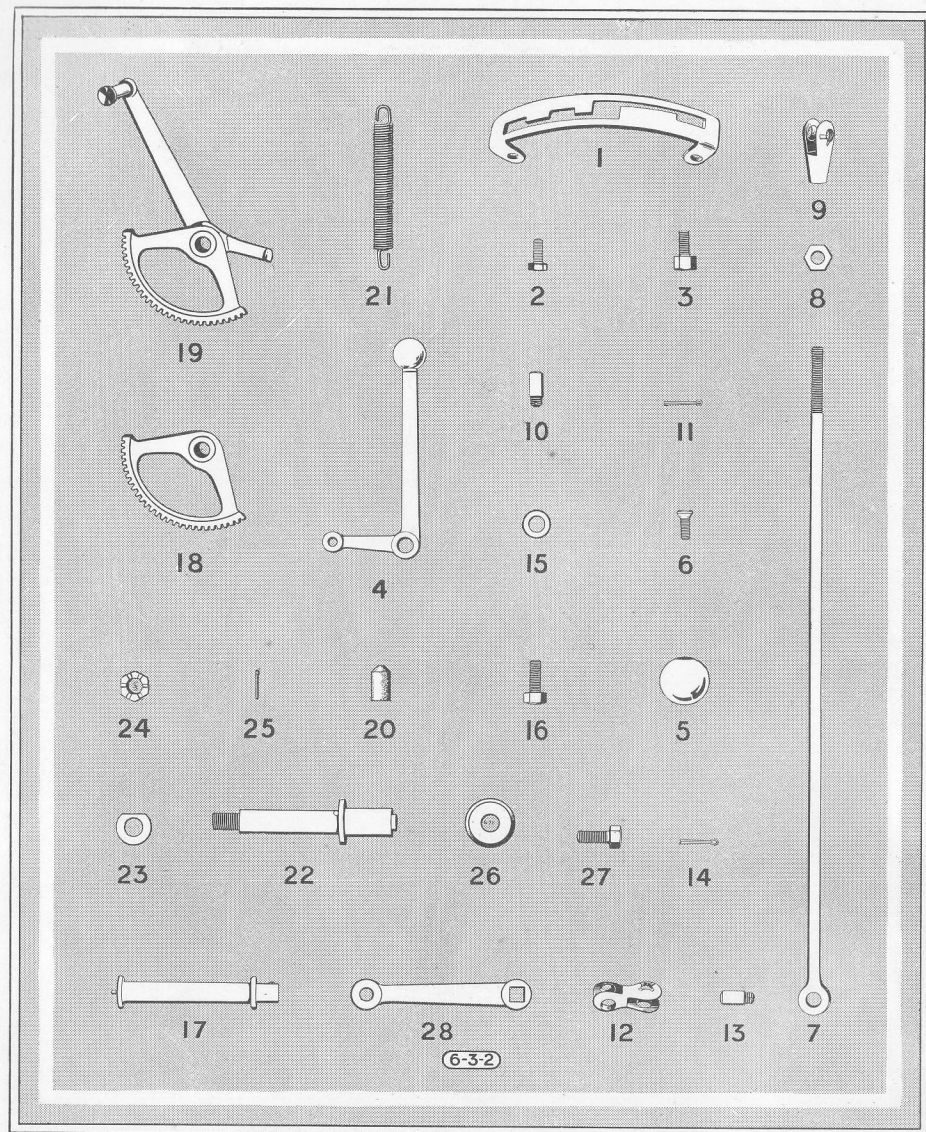
MOTOR
CYCLE.



GEAR BOX
& CONTROLS.

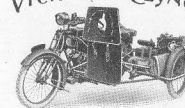
DIAGRAM No.	DETAIL No.	PART.
1	2120	Gear box case
2	3407	Front cover complete with bush
3	699	Front cover stud $\frac{1}{4} \times 1\frac{3}{16}$ "
4	1559	$\frac{1}{4}$ " Nut for ditto
5	2080	$\frac{1}{4}$ " Spring washer for ditto
6	697	Steel bush in cover for internal lever
7	696	Internal lever
8	2045	$\frac{5}{16}$ " Washer for internal lever
9	2101	$\frac{5}{16}$ " Castle nut for ditto
10	2061	$\frac{5}{16}$ " Split cotter for ditto
11	3695	R.H. Gear box cover
12	745	$\frac{1}{4}$ " Countersunk head screw for ditto
13	718	$\frac{1}{4}$ " Spring anchor pin
14	1165	Slotted plug
15	4096	End cap complete with lubricator lid and spring, but without copper oil pipe
16	3623	Copper oil pipe
17	724	$\frac{3}{16}$ " Countersunk screw for securing end of cover
18	4150	Lubricating wick complete with copper wire
19	679	Bearing cover for chain side of gear box
20	724	$\frac{3}{16}$ " Countersunk screw for ditto
21	728	$\frac{3}{8}$ " Stud for top gear box
22	729	$\frac{3}{8}$ " Nut for ditto
23	2035	$\frac{3}{8}$ " Washer for ditto
24	2092	$\frac{3}{8}$ " Spring washer for ditto
25	743	Adjuster stud
26	726	Adjuster screw
27	2043	Washer for adjuster stud
28	729	$\frac{3}{8}$ " Nut for adjuster stud
29	2061	Split cotter for adjuster stud
30	727	Circular nut for adjuster
31	1560	Ball release valve

6-2-2



MOTOR
CYCLE.

VICKERS-CLYNO.

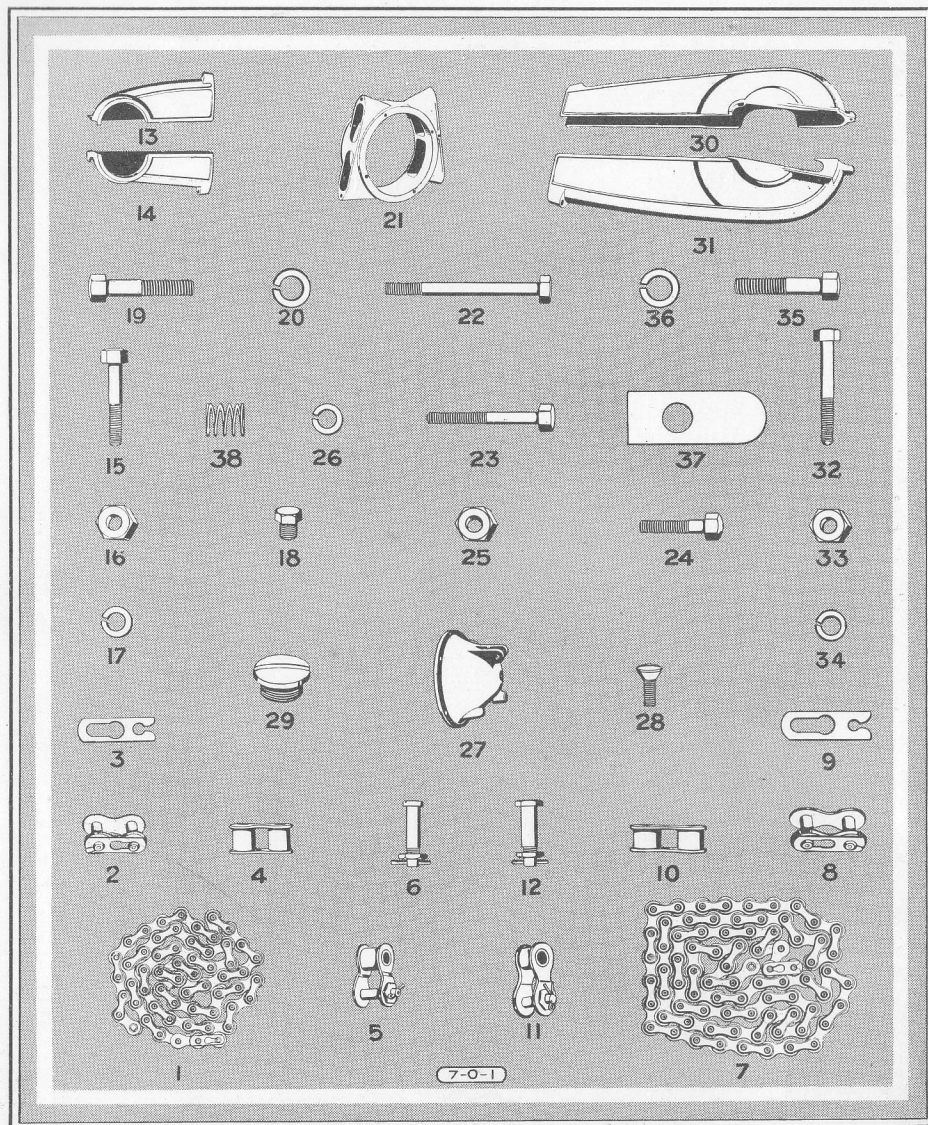


GEAR BOX
& CONTROLS.

MARK IV.

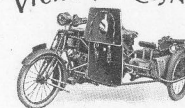
DIAGRAM No.	DETAIL No.	PART.
1	1195	Quadrant plate
2	1573	$\frac{1}{4}$ " Hexagon screw (thin head) for quadrant plate
3	3882	$\frac{1}{4}$ " Hexagon screw (thick head) " " "
4	3916	Change speed lever complete with knob and screw
5	1198	Aluminium ball end only
6	745	$\frac{1}{4}$ " Countersunk head screw for ditto
7	1710	Long rod with eye end
8	1709	$\frac{5}{16}$ " Lock nut for long rod
9	783	Fork end
10	782	Fork end pin
11	2060	Split cotter for ditto
12	850	Double fork end for bottom of long rod
13	782	Fork end pin
14	2060	Split cotter for ditto
15	2036	Washer for fulcrum of change speed lever
16	912	Hexagon screw for ditto
17	746	Crank pin for starter
18	713	Gear segment
19	3483	Foot starter lever, crank pin and quadrant complete
20	1081	Rubber stop pad
21	744	Spring for kick start lever
22	1177	Fulcrum shaft for foot start lever
23	717	Small washer for ditto
24	2103	Castle nut for ditto
25	2063	Split cotter for ditto
26	716	Large outside washer for ditto
27	912	$\frac{5}{16}$ " Outside set screw
28	695	External gear lever

(6-3-2)



MOTOR
CYCLE.

VICKERS-CLYNO

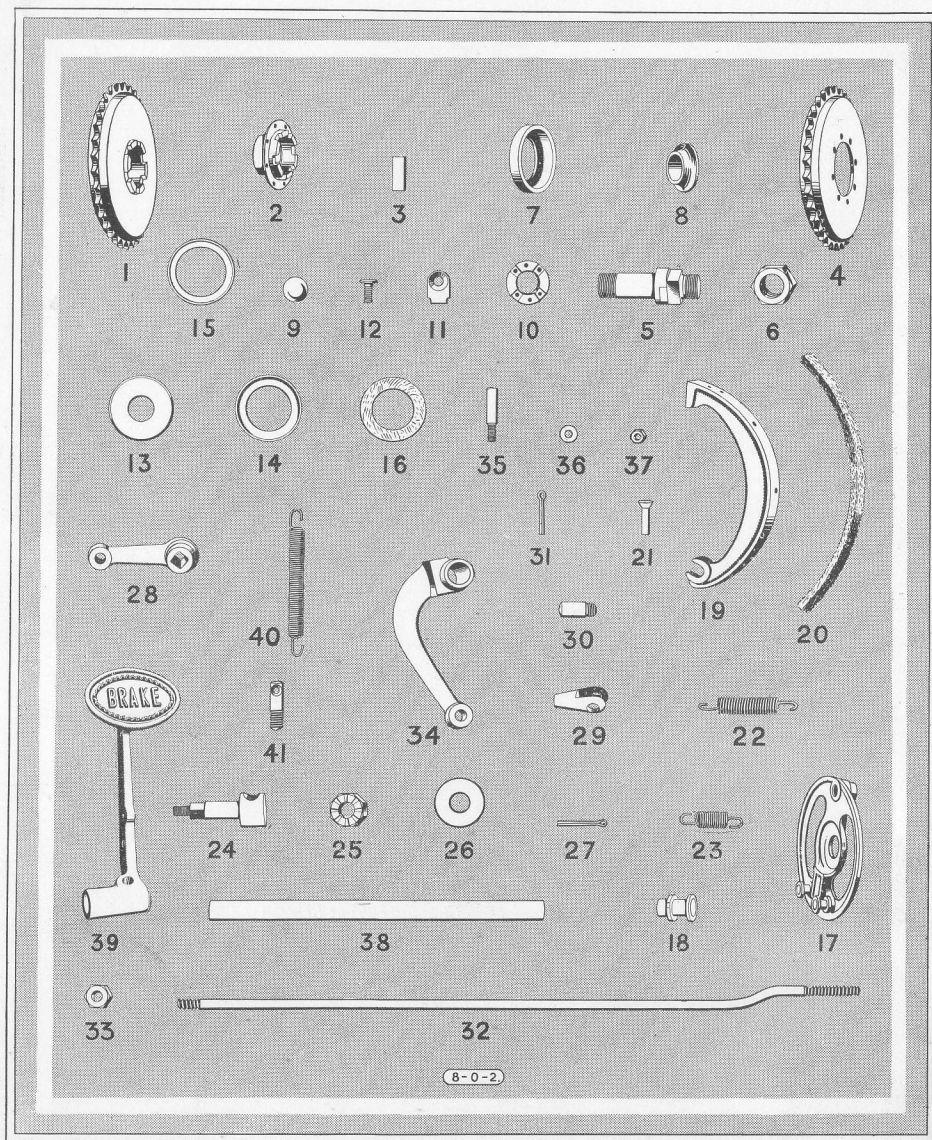


MARK IV.

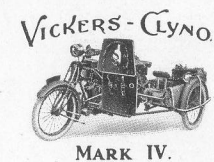
CHAINS AND
CHAIN CASES.

DIAGRAM No.	DETAIL No.	PART.
1	2148	Front chain $\frac{5}{8}'' \times \frac{3}{8}''$, 57 links
2	2151	Spring clip joint link $\frac{3}{8}'' \times \frac{3}{8}''$
3	1807	Spring only for spring link $\frac{5}{8}'' \times \frac{3}{8}''$
4	2150	Inner link $\frac{5}{8}'' \times \frac{3}{8}''$
5	2149	Cranked link $\frac{5}{8}'' \times \frac{3}{8}''$
6	1810	Bolt and nut for $\frac{5}{8}'' \times \frac{3}{8}''$ chain
7	930	Back chain $\frac{3}{4}'' \times \frac{5}{16}''$, 78 links
8	1059	Spring clip joint link $\frac{3}{4}'' \times \frac{5}{16}''$
9	1808	Spring only for spring link $\frac{3}{4}'' \times \frac{5}{16}''$
10	1058	Inner link $\frac{3}{4}'' \times \frac{5}{16}''$
11	1057	Cranked link $\frac{3}{4}'' \times \frac{5}{16}''$
12	1809	Bolt and nut for $\frac{3}{4}'' \times \frac{5}{16}''$ chain
13	1535	Front chain case top half
14	1536	Front chain case bottom half (if one half case only is ordered the other half must be returned, otherwise a fit cannot be guaranteed)
15	926	$\frac{1}{2}''$ Bolt for front chain case $1\frac{1}{2}''$ long
16	1559	Nut for ditto
17	2080	Spring washer for ditto
18	662	Hexagon plug $\frac{1}{8}''$ gas
19	1877	$\frac{5}{16}''$ Set screw for chain case (top or bottom)
20	2081	$\frac{5}{16}''$ Spring washer
21	703	Centre extension cover
22	966	Long bolt for ditto $\frac{1}{4}'' \times 2\frac{1}{16}''$
23	926	Medium length bolt for ditto $\frac{1}{4}'' \times 2''$
24	894	Short bolt for ditto $\frac{1}{4}'' \times 1\frac{1}{8}''$
25	1559	$\frac{1}{4}''$ Nut for bolts
26	2080	$\frac{1}{4}''$ Spring washer for bolts
27	1034	Aluminium dome cover
28	1303	$\frac{1}{4}''$ Countersunk head screw for dome
29	1165	Large $\frac{3}{4}''$ screwed plug for dome
30	923	Back chain case top half
31	924	Back chain case bottom half (if one half chain case only is ordered the other half must be returned, otherwise a fit cannot be guaranteed)
32	926	Chain case bolt $\frac{1}{4}'' \times 1\frac{1}{2}''$ B.S.F.
33	1559	$\frac{1}{4}''$ Nut for ditto B.S.F.
34	2080	$\frac{1}{4}''$ Spring washer for ditto
35	1877	$\frac{5}{16}''$ Set screw for back chain case (top or bottom)
36	2081	$\frac{5}{16}''$ Spring washer for ditto
37	928	Aluminium chain case slide
38	925	Spring for ditto

(7-0-1)

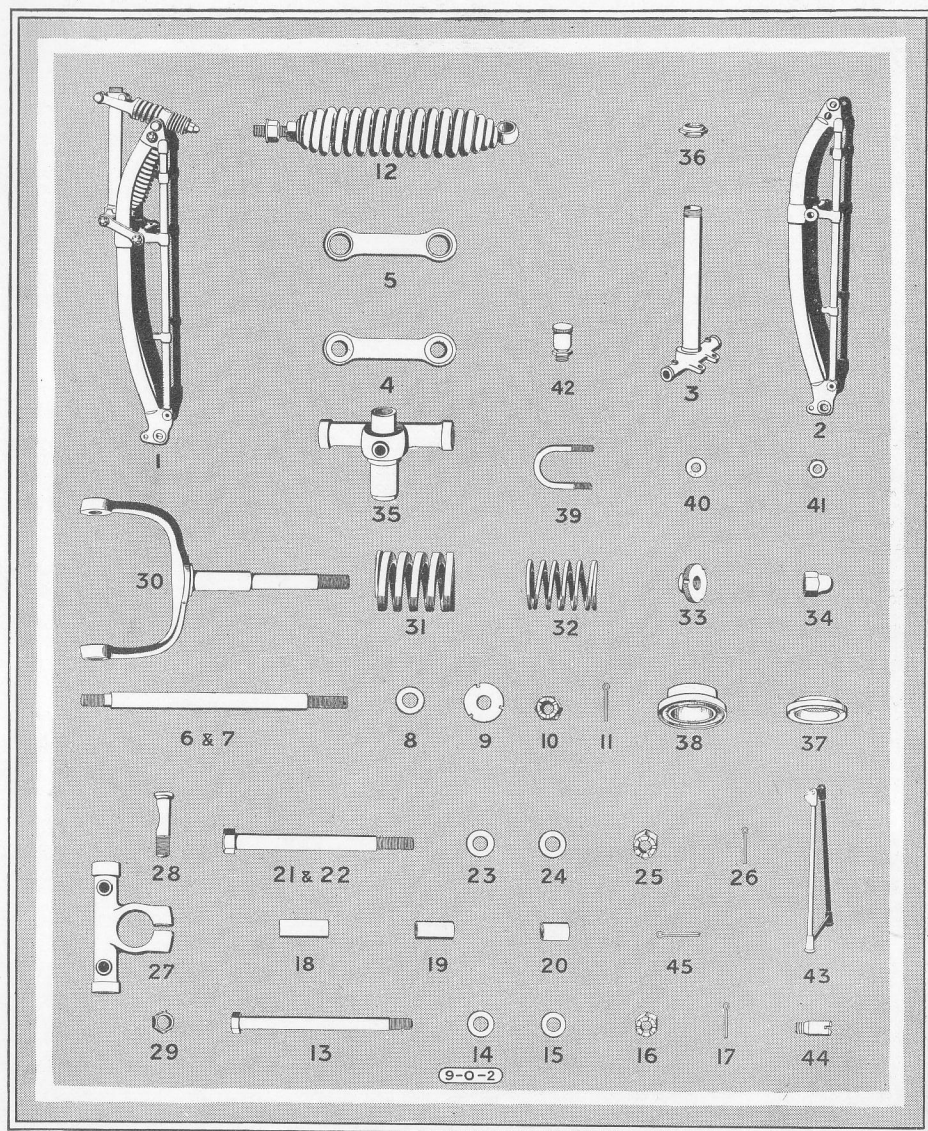


MOTOR
CYCLE.

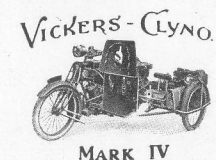


BACK BRAKE
and Driving
SPROCKET.

Diagram No.	Detail No.	PART.
1	3506	Driving sprocket, 34 T, complete with centre
2	803	Sprocket centre only
3	1564	Rivet for sprocket centre
4	802	Sprocket only
5	805	Sprocket shaft
6	816	Hexagon nut for ditto
7	817	Ball cup
8	818	Ball cone
9	1561	$\frac{5}{16}$ " Ball (14 in a set)
10	800	Round spindle nut
11	752	Locking plate for ditto
12	753	$\frac{1}{8}$ " Lock screw for ditto
13	804	Oil retaining washer, $\frac{3}{4}$ " hole
14	796	Oil retaining washer, $1\frac{1}{2}$ " hole
15	797	Felt washer cover
16	1562	Thick felt washer
17	3507	Back brake plate complete with two pivot pins
18	854	Pivot pin only
19	829	Brake shoe
20	826	Liner for brake shoe
21	1565	Rivet for ditto (12 in a set)
22	836	Brake spring, large
23	888	Brake spring, small
24	828	Cam shaft
25	2101	$\frac{5}{8}$ " Castle nut for ditto
26	2034	$\frac{5}{8}$ " Washer for ditto
27	2061	Split cotter for ditto
28	831	Brake lever
29	783	Fork end for either end of long rod
30	782	Pin for fork end
31	2060	Split cotter for ditto
32	824	Long brake rod
33	1709	$\frac{5}{16}$ " Lock nut for long rod
34	833	Bent lever
35	1097	Cotter pin for bent lever, and also for pedal
36	2033	Washer for ditto
37	1559	$\frac{1}{4}$ " Nut for ditto
38	3347	Pedal spindle
39	3348	Pedal
40	744	Pedal spring
41	784	Spring eye (to screw into footboard)

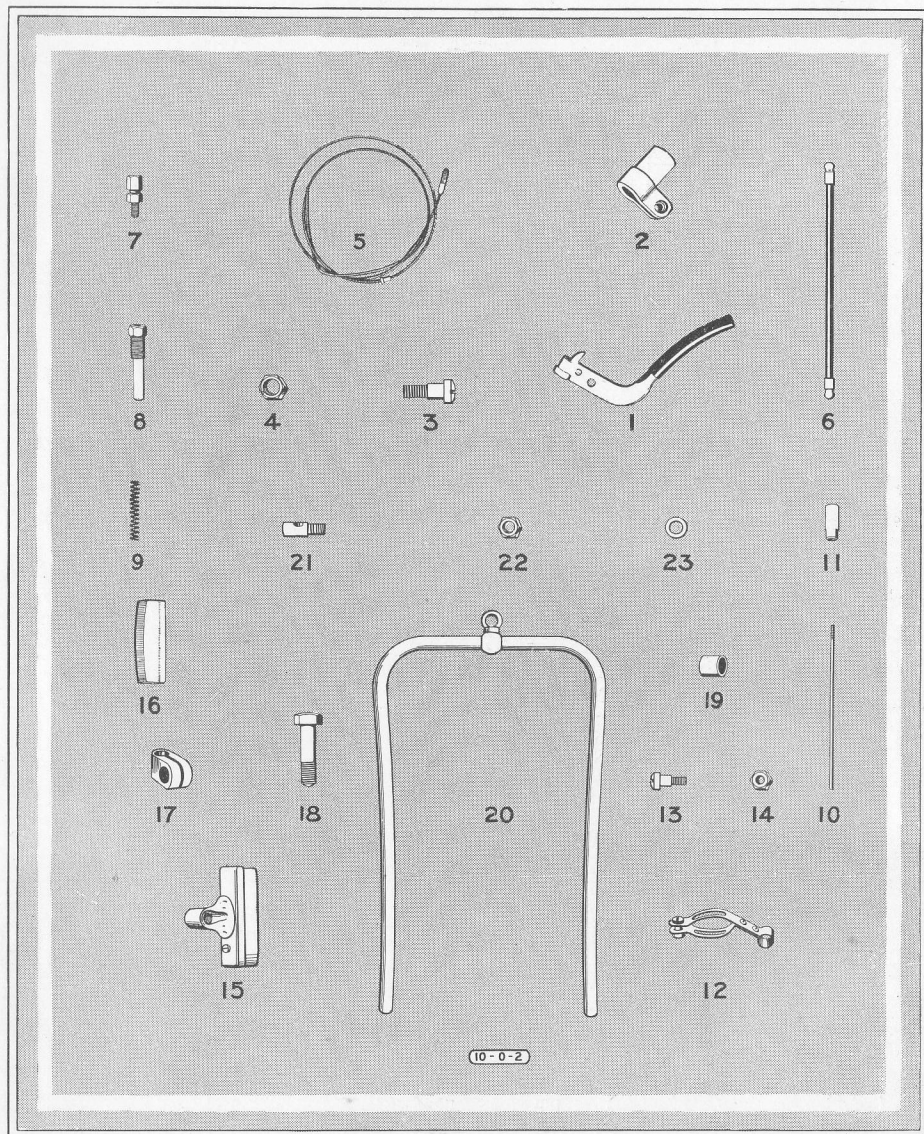


MOTOR
CYCLE.



SPRING
FORKS.

DIAGRAM No.	DETAIL No.	PART.
1	3696	Spring forks complete
2	3697	Girders only
3	3698	Crown lug and steering stem
4	3699	Link, R.H.
5	3700	Link, L.H.
6	3701	Crown lug rocker bar
7	3701	Fork rocker bar
8	3702	Rocker bar washer
9	3705	Link adjustment nut
10	3703	Castle nut $\frac{7}{16}$ "
11	3704	Split cotter
12	3706	Vertical spring complete
13	3707	Spring bar
14	3708	Spring bar washer $\frac{3}{8} \times \frac{3}{4}$ "
15	3709	Spring bar washer $\frac{1}{16} \times \frac{3}{4}$ "
16	3710	Spring bar castle nut
17	3711	Split cotter
18	3712	Spacing tube (long)
19	3713	Spacing tube (medium)
20	3714	Spacing tube (short)
21	3715	Clip rocker bar
22	3715	Buffer cross piece bar
23	3716	Washer $\frac{7}{8} \times \frac{1}{16}$ "
24	3717	Washer $\frac{1}{2} \times \frac{1}{16}$ "
25	3718	Castle nut $\frac{7}{16}$ "
26	3719	Split cotter
27	3720	Clip
28	3721	Clip pin
29	3722	Nut for clip pin
30	3723	Stirrup with buffer pin
31	3726	Back buffer spring
32	3727	Front buffer spring
33	3724	Buffer adjustment nut
34	3725	Buffer lock nut
35	3728	Buffer cross piece
36	1843	Special nut for top of steering stem
37	883	Ball race for bottom of steering stem
38	1748	Ball race for top of steering stem
39	3755	(Not used on Mark IV.)
40	1559	(Not used on Mark IV.)
41	2033	(Not used on Mark IV.)
42	4266	Grease cup
43	3401	Front stand
44	782	Pivot pin
45	2060	Split pin for ditto



MOTOR
CYCLE.

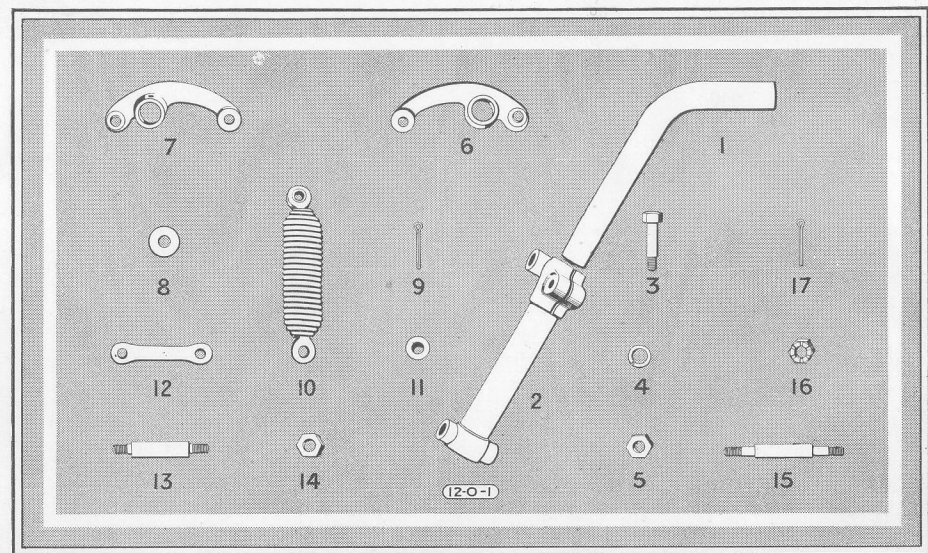
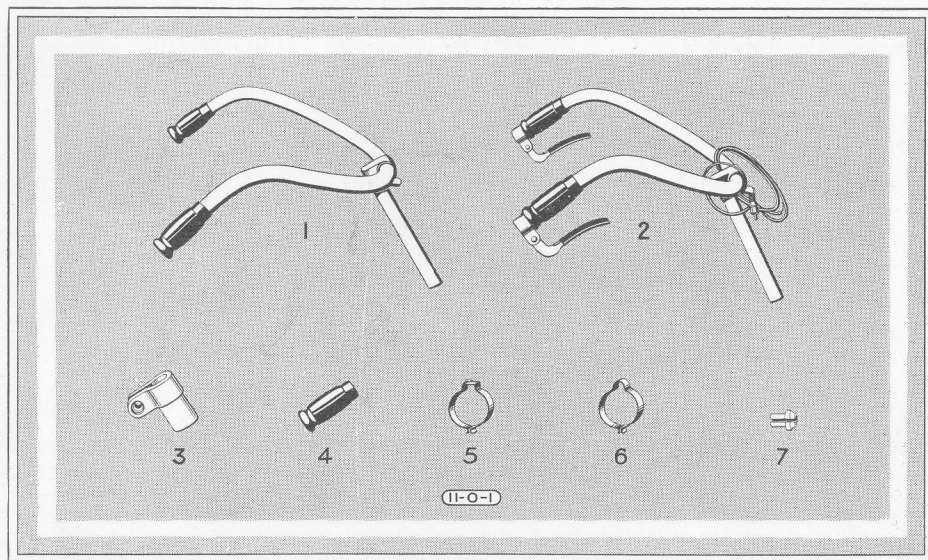


FRONT RIM
BRAKE.

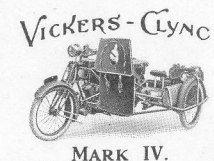
MARK IV.

DIAGRAM No.	DETAIL No.	PART.
1	3645	Hand lever only
2	3646	Fulcrum plug for end of handlebar
3	3647	Fulcrum screw
4	3883	Nut for ditto
5	3884	Inner Bowden cable with nipple and end piece
6	4183	Outer Bowden cable cover with end caps
7	3885	Adjusting screw and lock nut
8	4097	Spring box
9	3886	Spring
10	4098	Adjusting rod
11	3887	Screwed sleeve nut
12	3888	Clip for fastening to front fork girders
13	3889	$\frac{3}{16}$ " Cheese head screw for ditto
14	3890	$\frac{3}{16}$ " Nut for ditto
15	4184	Pad holder complete with brake block and small screw
16	4102	Brake block
17	3891	Adjusting clip for pad holder
18	4186	Hexagon head screw for pad holder
19	4185	Distance piece for pad holder screw
20	3405	Stirrup
21	3893	Rod clip for top of stirrup
22	3894	Nut for rod clip
23	3895	Washer for rod clip

10-0-2

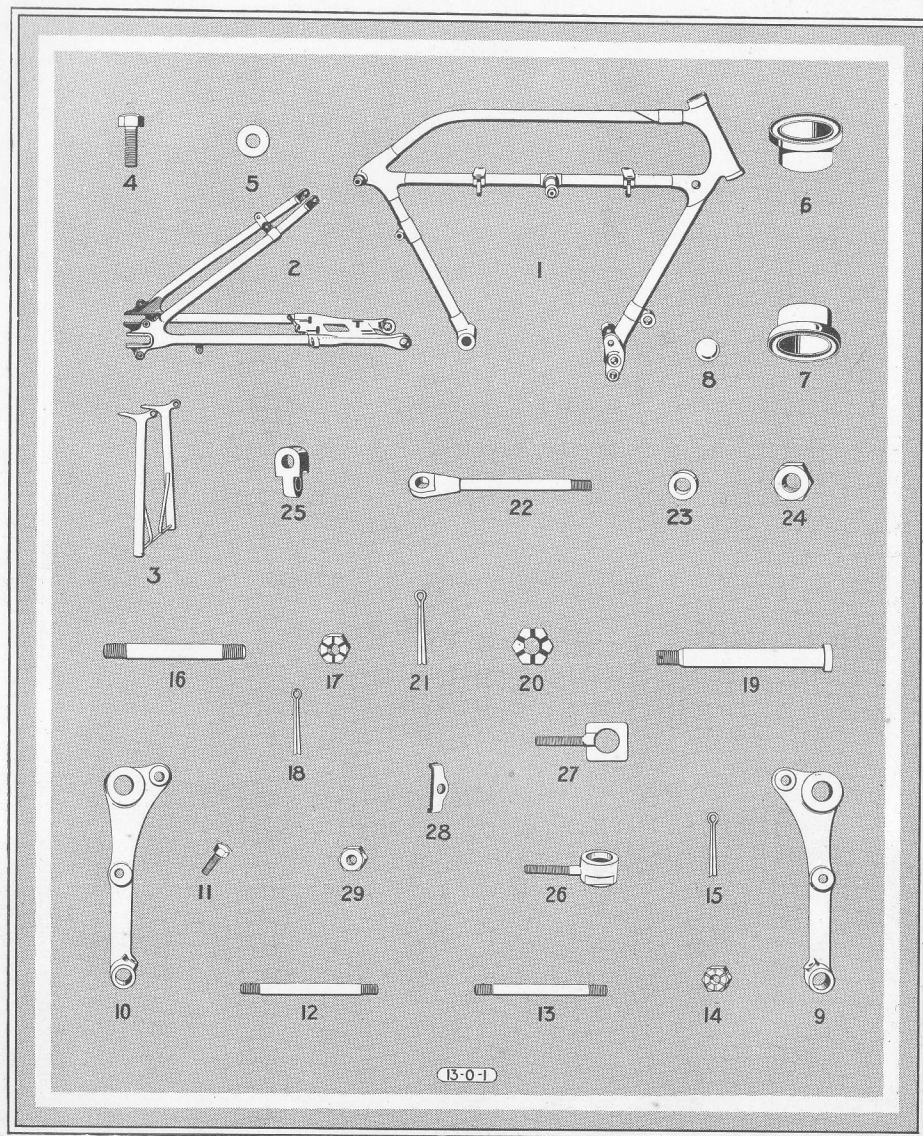


MOTOR
CYCLE.

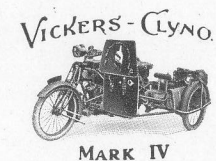


HANDLEBARS
and Spring
SEAT PILLAR.

DIAGRAM No.	DETAIL No.	PART.
1	3750	Handlebars with hand grips only
2	3751	Handlebars complete with hand grips, two control levers and Bowden wire inner cable connections all fitted up
3	3646	Fulcrum plug for handlebar end
4	3898	Handlebar grip
5	1088	Spring clip for two control wires
6	1041	Spring clip for single control wire
7	1528	Handlebar control stop
11-0-1		
1	1970	Saddle pillar
2	3503	Seat pillar tube with lugs complete
3	1112	$\frac{5}{16}$ " Hexagon bolt $1\frac{1}{2}$ " long
4	2081	$\frac{5}{16}$ " Spring washer
5	993	$\frac{5}{16}$ " Nut for ditto
6	1972	R.H. Rocker arm with pin
7	1973	L.H. Rocker arm with pin
8	2034	$\frac{5}{16}$ " Washer for ditto
9	2060	Split cotter for ditto
10	1981	Spring complete with distance piece
11	2220	Distance piece for eye end of spring
12	1966	Bottom link
13	1977	Short fulcrum pin 3" long
14	993	$\frac{5}{16}$ " Nut for ditto
15	1978	Long fulcrum pin $3\frac{5}{8}$ " long
16	2101	$\frac{5}{16}$ " Castle nut for ditto
17	2060	Split cotter
12-0-1		

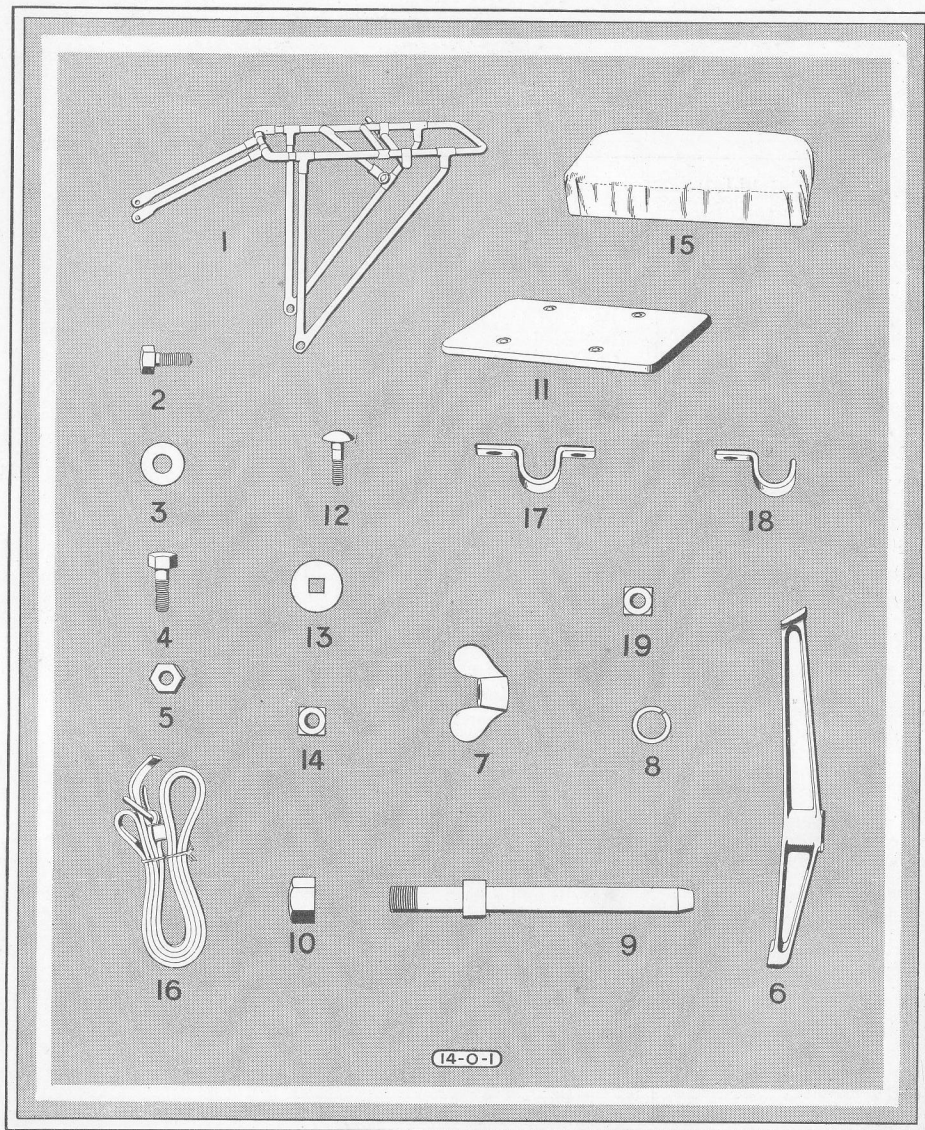


MOTOR CYCLE.



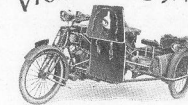
FRAME.

DIAGRAM No.	DETAIL No.	PART.
1	3489	Centre portion of frame complete with all lugs, two ball races in head, enamelled but without spring seat pillar parts
2	3490	Back stays complete
3	1633	Back stand
4	912	$\frac{5}{16}$ " Hexagon screw for ditto
5	917	$\frac{5}{16}$ " Washer
6	1747	Ball race for top of head
7	1746	Ball race for bottom of head
8	1096	$\frac{3}{16}$ " Ball (24 for top race and 24 for bottom race)
9	898	Back engine plate L.H.
10	899	Back engine plate R.H.
11	661	$\frac{1}{4}$ " Hexagon screw for securing footboard tubes
12	914	Bottom back engine plate bolt $\frac{3}{8}$ " \times $4\frac{3}{16}$ "
13	901	Top back engine plate bolt $\frac{3}{8}$ " \times 4"
14	2102	$\frac{3}{8}$ " Castle nut for ditto
15	2063	Split cotter for ditto
16	887	Front engine plate bolt $\frac{1}{2}$ " \times $4\frac{7}{16}$ "
17	2104	$\frac{1}{2}$ " Castle nut for ditto
18	2063	Split cotter for ditto
19	903	Bottom bracket bolt $\frac{3}{4}$ " \times $6\frac{1}{2}$ "
20	904	Special nut for ditto
21	2068	Split cotter for ditto
22	2202	Saddle pin bolt with eye end
23	2203	Distance piece for ditto
24	809	$\frac{7}{16}$ " Nut for ditto
25	931	Swivel joint for ditto
26	3491	R.H. Chain adjuster
27	810	L.H. Chain adjuster
28	812	Chain Adjuster plate
29	993	Nut for chain adjusters



MOTOR
CYCLE.

VICKERS-CLYNO

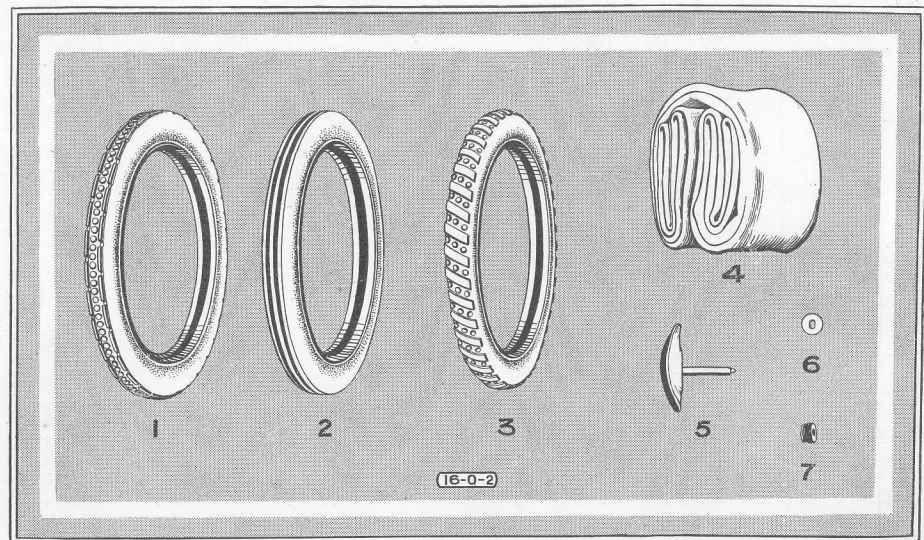
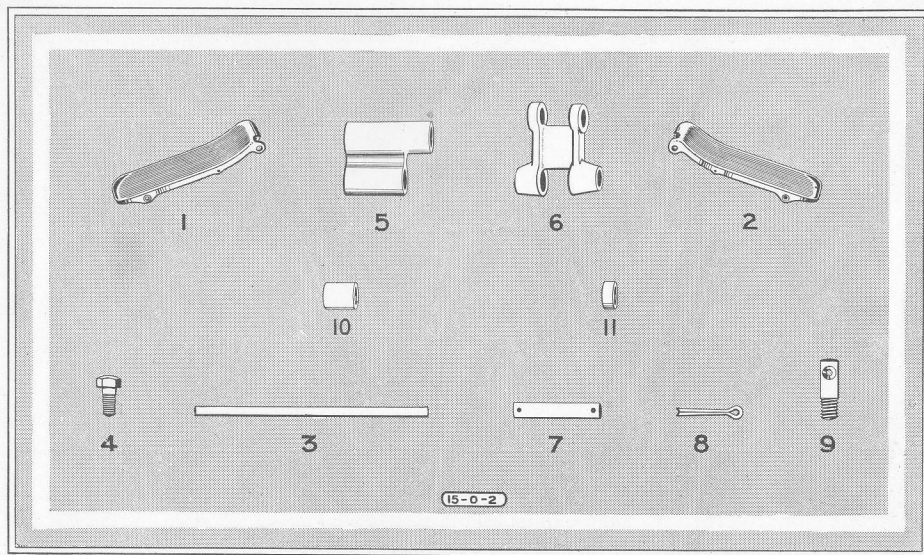


MARK IV.

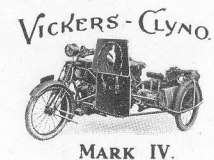
BACK
CARRIER.

DIAGRAM No.	DETAIL No.	PART.
For Machines up to and including 5995 only.		
1	3746	Carrier with spare wheel carrying stud
2	912	$\frac{5}{16}$ " Hexagon screw
3	2034	$\frac{5}{16}$ " Washer
4	877	$\frac{5}{16}$ " Bolt $\frac{7}{8}$ " long
5	993	$\frac{5}{16}$ " Nut
6	3170	Clamp
7	981	$\frac{1}{2}$ " Wing nut
8	2084	$\frac{1}{2}$ " Spring washer
9	3219	Distance stud
10	909	$\frac{1}{2}$ " Nut for ditto
11	3393	(Not used on Mark IV.)
12	2156	(Not used on Mark IV.)
13	1627	(Not used on Mark IV.)
14	3144	(Not used on Mark IV.)
15	3637	Pillion seat
16	3394	Strap for pillion board or seat
17	3366	Clip
18	3367	Half clip
19	3636	Square nut for securing clip (A hexagon nut No. 1559A is sometimes used instead of this square nut)

For Machines numbered 5996 and upwards, see page 45.



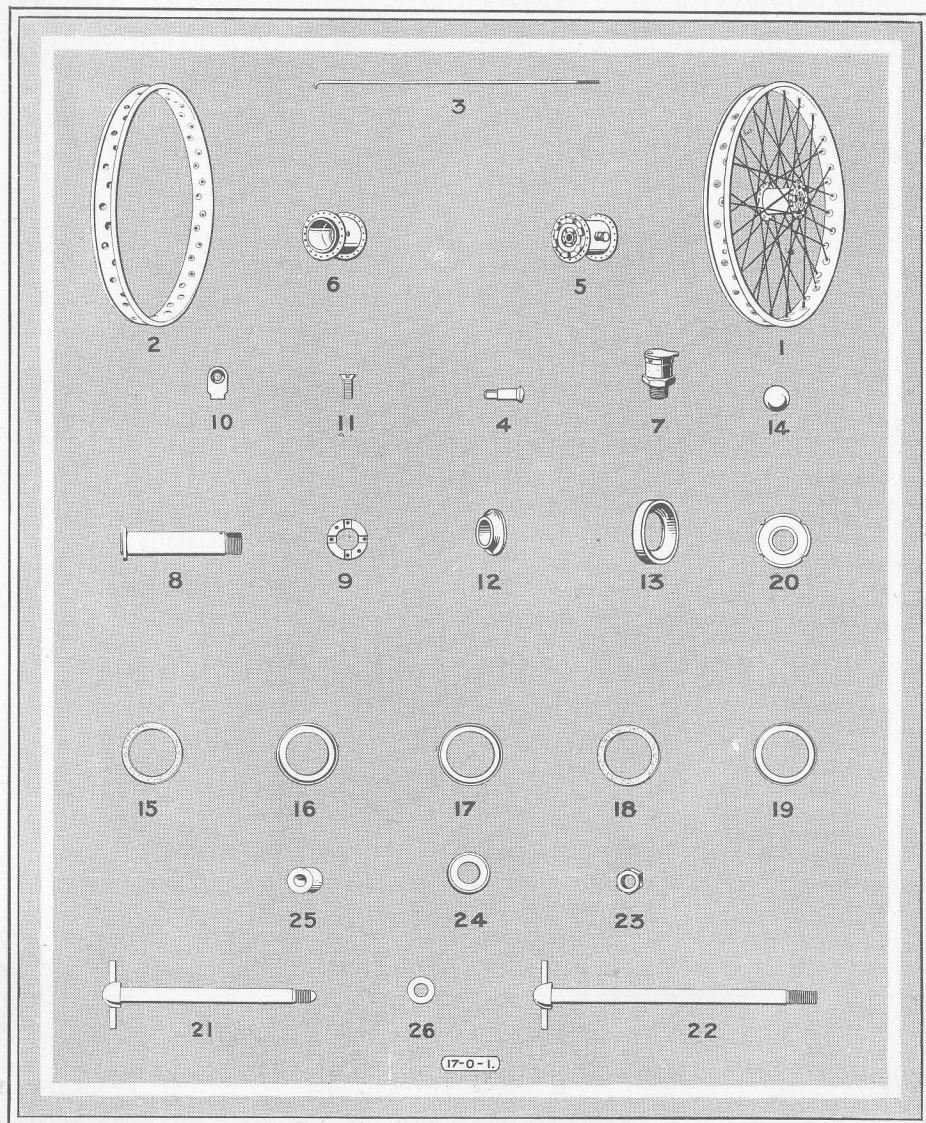
MOTOR
CYCLE.



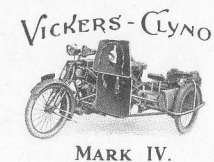
FOOTBOARDS
AND TYRES.

DIAGRAM No.	DETAIL No.	PART.
1	869	L.H. Footboard
2	870	R.H. Footboard
3	871	Footboard tube
4	872	$\frac{7}{16}$ " Set screw
5	832	Aluminium distance piece
6	874	Aluminium swivel bracket, right or left-hand, for back of footboard
7	1554	$\frac{7}{16}$ " Pin
8	2084	Split cotter for ditto
9	784	Spring anchor pin for either footboard
10	3350	Long distance piece for front footboard tube, L.H. side
11	3626	Short distance piece for front footboard tube, L.H. side
15-0-2		
1	4154	Palmer 26" \times 3" combination cover
2	4155	Palmer 26" \times 3" ribbed cover
3	3855	Rom 700 \times 80, steel studded and rubber bar combination cover
4	4159	Inner tube, Palmer 26" \times 3"
	3856	Inner tube, Rom 700 \times 80
5	4156	Security bolt
6	4157	Special washer for security bolt
7	4158	Knurled nut for security bolt
16-0-2		

These tyres are suitable for the Sidecar wheels as well as those of the Motor Cycle.



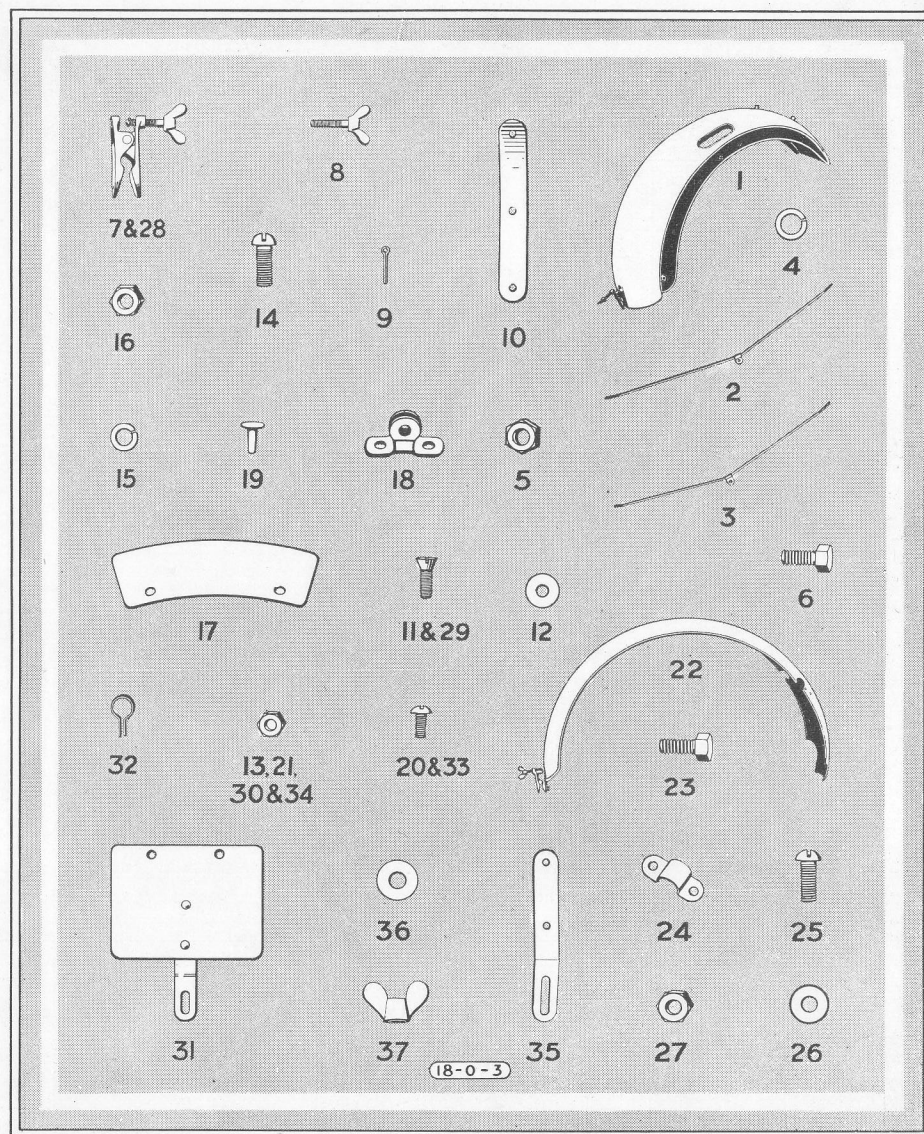
MOTOR
CYCLE.



WHEELS.

DIAGRAM No.	DETAIL No	PART.
1	3505	Wheel complete (without tyre or security bolts)
2	823	Rim only drilled and enamelled
3	792	Spoke
4	793	Nipple
5	3504	Hub complete
6	795	Hub shell only
7	1566	Lubricator for hub shell
8	799	Hub spindle
9	800	Hub spindle round nut
10	773	Locking plate for ditto
11	753	$\frac{1}{8}$ " Lock screw for ditto
12	818	Hub cone
13	817	Hub cup
14	1561	$\frac{5}{16}$ " Ball (14 used in each bearing)
15	1562	Thick felt washer
16	797	Retaining ring for thick felt washer $\frac{5}{16}$ " wide, $1\frac{3}{8}$ " hole
17	796	Separating washer $\frac{1}{8}$ " thick, $1\frac{1}{2}$ " hole
18	1563	Thin felt washer
19	798	Retaining ring for thin felt washer $\frac{3}{16}$ " wide, $1\frac{1}{2}$ " hole
20	801	End cover for hub
21	815	Front wheel spindle bolt
22	807	Back wheel spindle bolt
23	809	Nut for either front or back bolt
24	821	Large washer for back spindle bolt R.H. side
25	814	Distance piece for front wheel
26	808	Small washer for nut end of either front or back spindle bolt

(17-0-1.)



MOTOR
CYCLE.

VICKERS-CLYNO

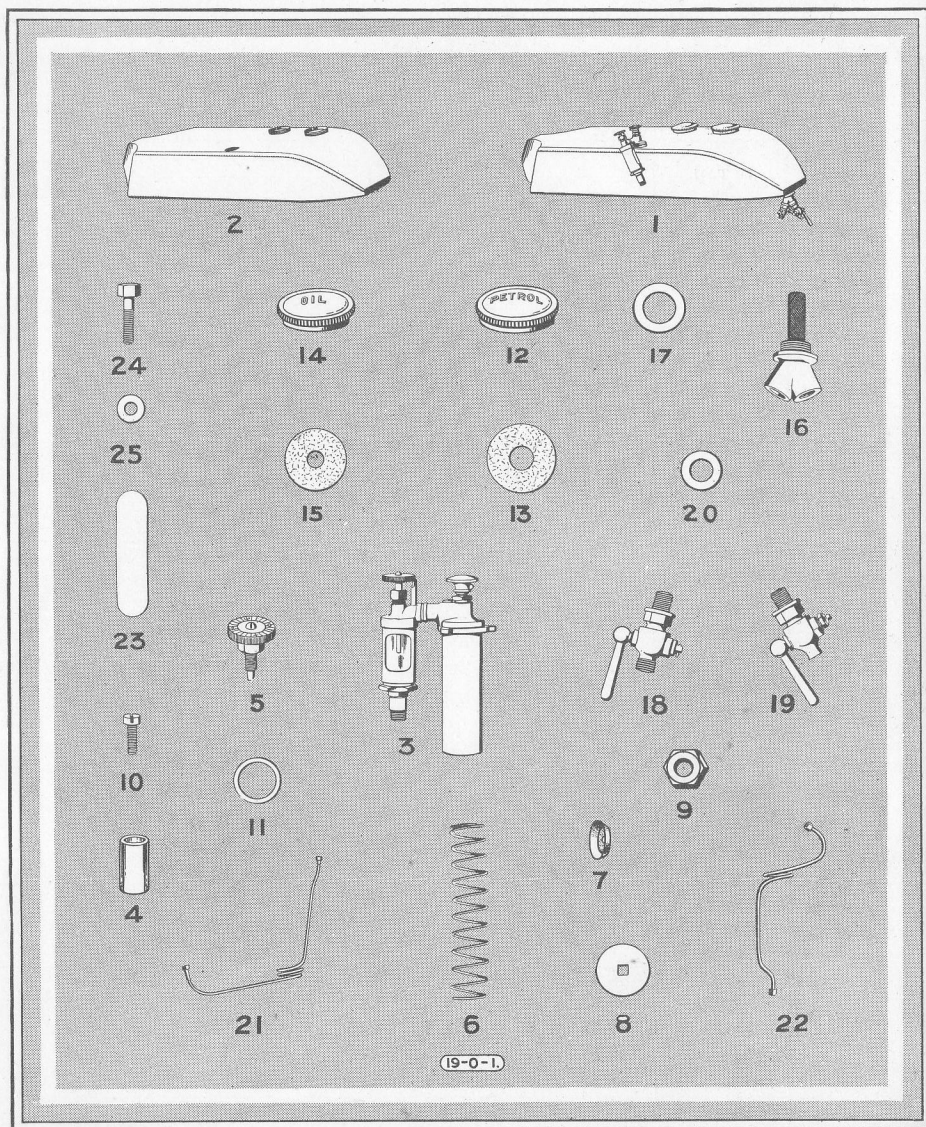


MARK IV.

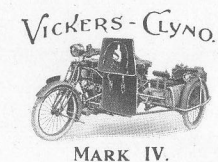
MUDGUARDS &
NUMBER PLATES.

DIAGRAM No.	DETAIL No.	PART.
1	4179	Front mudguard blade complete with stand clip
2	R3651	R.H. Stay
3	L3651	L.H. Stay
4	2081	$\frac{5}{16}$ " Spring washer
5	993	$\frac{1}{6}$ " Nut for stay
6	4147	Set screw for securing mudguard stays to front forks
7	4177	Front stand clip complete
8	4434	Wing screw for stand clip
9	2060	Cotter pin for ditto
10	3730	Stiffening plate for mudguard and stand clip
11	724	$\frac{3}{8}$ " Countersunk head screw for securing stand clip to blade
12	1285	$\frac{1}{6}$ " Washer
13	1092	$\frac{1}{6}$ " Nut
14	1013	$\frac{1}{4}$ " Round head screw for securing top of blade to front forks
15	2080	$\frac{1}{4}$ " Spring washer
16	1559	$\frac{1}{4}$ " Nut
17	1093	Front number plate
18	1595	Front number plate clip
19	3115	Rivet for ditto
20	1091	$\frac{3}{8}$ " Screw for clip
21	1092	$\frac{1}{6}$ " Nut
22	4178	Back mudguard blade complete with stand clip
23	661	Hexagon screw for securing blade to bottom bracket
24	1023	"U" clip for securing mudguard to carrier
25	1013	$\frac{1}{4}$ " Round head screw for ditto
26	2033	$\frac{1}{4}$ " Washer
27	1559	$\frac{1}{4}$ " Nut
28	4177	Back stand clip
29	724	$\frac{3}{8}$ " Countersunk head screw for securing stand clip to blade
30	1092	$\frac{1}{6}$ " Nut
31	1089	Back number plate complete with strap
32	1090	Clip for back number plate
33	1091	$\frac{3}{8}$ " Screw for clip
34	1092	$\frac{1}{6}$ " Nut
35	1962	Strap for securing bottom of number plate to mudguard
36	2033	$\frac{1}{4}$ " Washer for ditto
37	1021	Wing nut for ditto

(18-0-3)

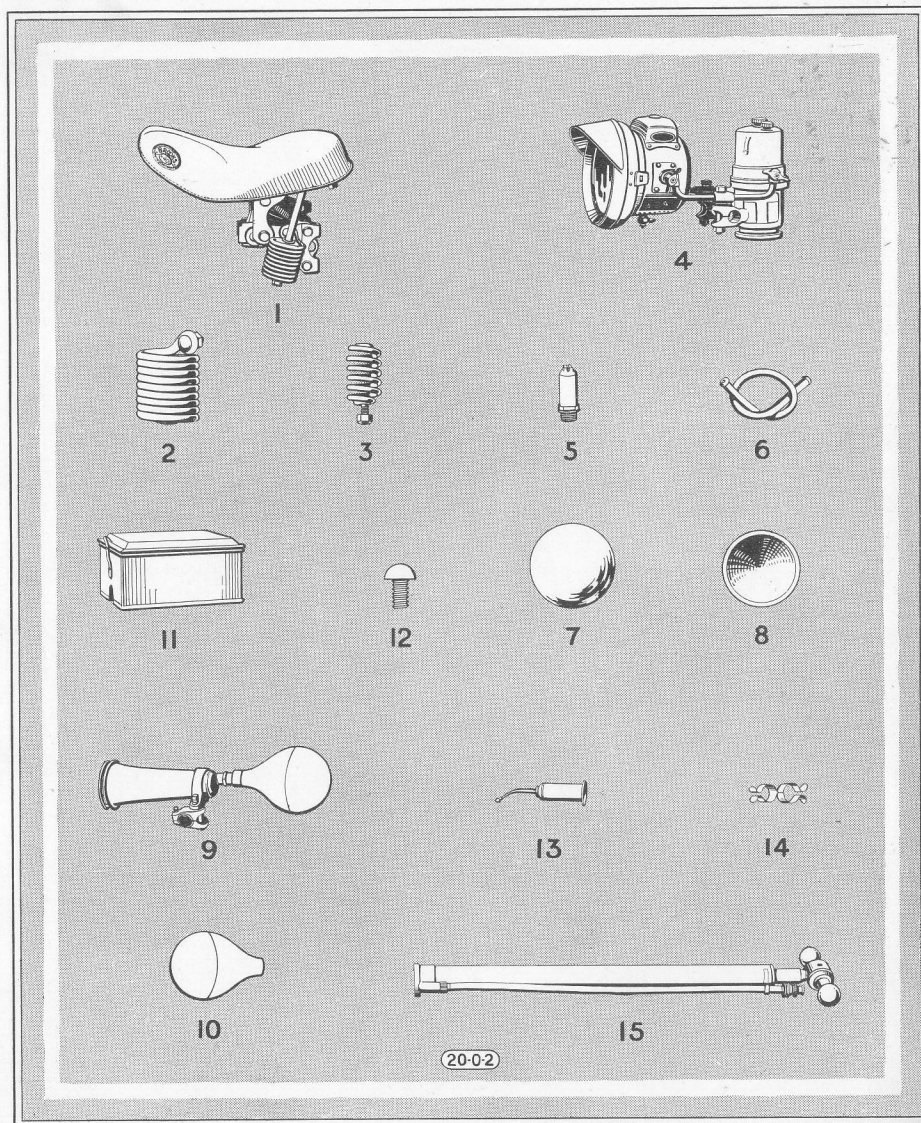


MOTOR
CYCLE.



TANK.

DIAGRAM No.	DETAIL No.	PART.
1	4200	Tank complete with all fittings
2	4198	Tank only without fittings
3	1571	Adjustable sight feed lubricator complete with base plate washer and screws
4	3495	Glass tube for ditto
5	3737	Knurled regulating screw and gland nut
6	3738	Barrel plunger spring
7	3739	Cup leather for plunger
8	3740	Large steel washer for ditto
9	3741	Brass nut for end of plunger
10	3497	Cheese head screw for securing lubricator to tank
11	3496	Leather washer for bottom of lubricator tank joint
12	3499	Petrol filler cap complete with leather washer
13	3094	Leather washer only for ditto
14	3500	Oil filler cap complete with leather washer
15	3095	Leather washer only for ditto
16	955	"Y" Outlet piece for gauze strainer
17	1372	Fibre joint washer for "Y" piece
18	957	Petrol tap
19	958	Drain tap
20	1373	Fibre joint washer for taps
21	3501	Petrol pipe complete with union nuts
22	3502	Oil pipe complete with union nuts
23	959	Rubber pad for bottom of tank
24	894	$\frac{1}{4}$ " Set screw for securing tank to bracket
25	2033	$\frac{1}{4}$ " Washer for ditto



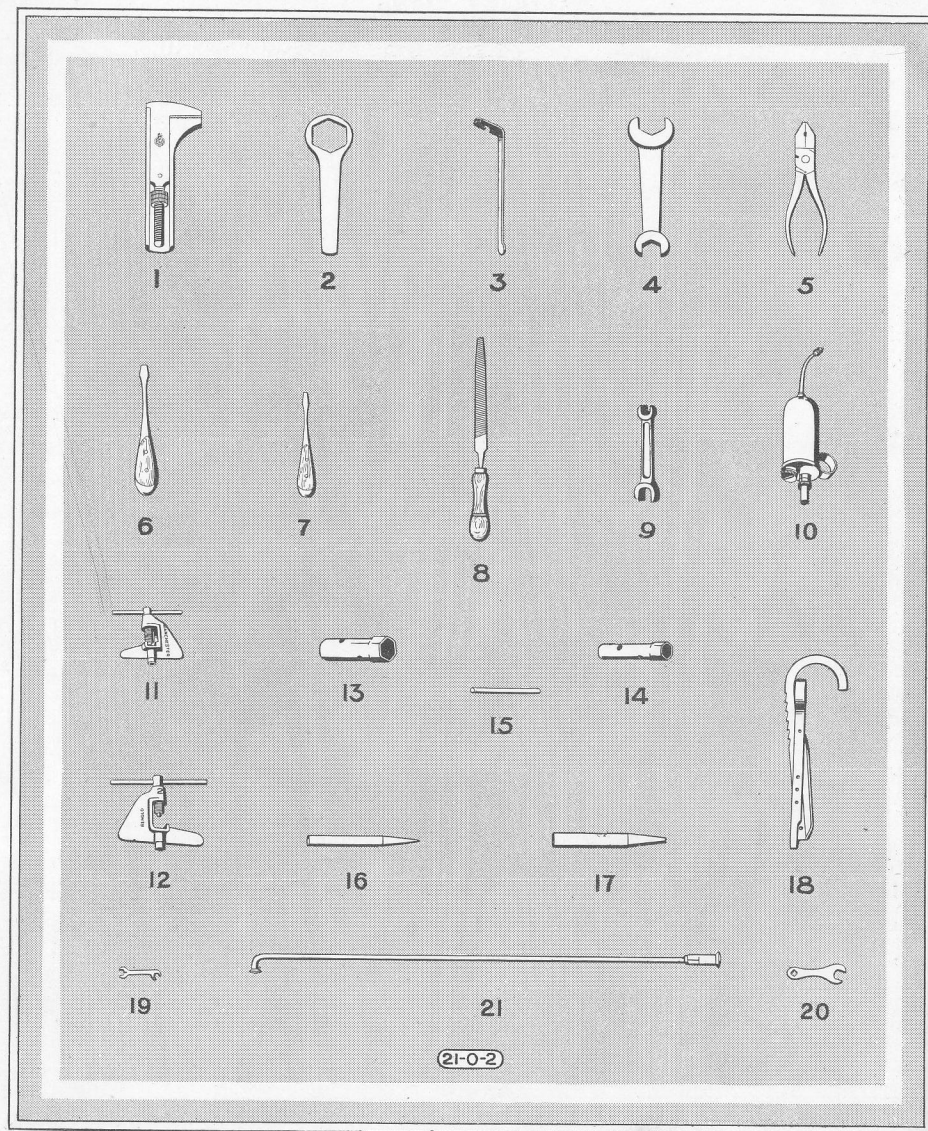
MOTOR
CYCLE.



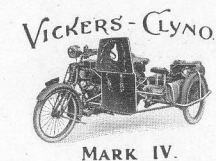
ACCESSORIES.

DIAGRAM No.	DETAIL No.	PART.
1	3767A	Brooks saddle
2	4058	Large spring for ditto
3	4059	Small spring for ditto
4	1416	Lucas No. 462 head light complete with bracket and generator
5	4054	Spare burner for ditto
6	4055	Rubber tube connection for ditto
7	4056	Lamp glass for ditto
8	4057	Reflector for ditto
9	1417	Lucas horn
10	4052	Bulb for ditto
11	1037	Metal tool box for top of tank
12	1254	Screw for securing tool box to top of frame
13	1086	Petrol squirt
14	3124	Double spring clip for ditto
15	3787	Tyre inflator

(20-02)



MOTOR
CYCLE.

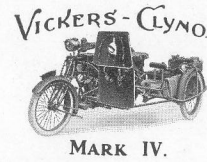


TOOLS.

DIAGRAM No.	DETAIL No.	PART.
1	4060	7 1/2" Adjustable girder spanner
2	1046	Special valve cap spanner
3	1048	Tyre lever
4	951	Double ended spanner, 3/8" and 3/4"
5	1045	Pair of pliers
6	1047	Large screw driver
7	4276	Small screw driver
8	4071	File with handle
9	4061	Small double ended spanner
10	1043	Force feed oiler
11	4066	Chain stud remover for 5/8" chain
12	4067	Chain stud remover for 3/4" chain
13	4062	Box spanner 3/8" and 7/16"
14	4063	Box spanner 1/4" and 5/16"
15	4064	Small tommy bar for box spanner
16	1050	Punch
17	4069	Copper drift
18	4065	Valve lifter tool
19	1052	Magneto spanner
20	4070	Lamp spanner
21	4084	Bent spoke

21-0-2

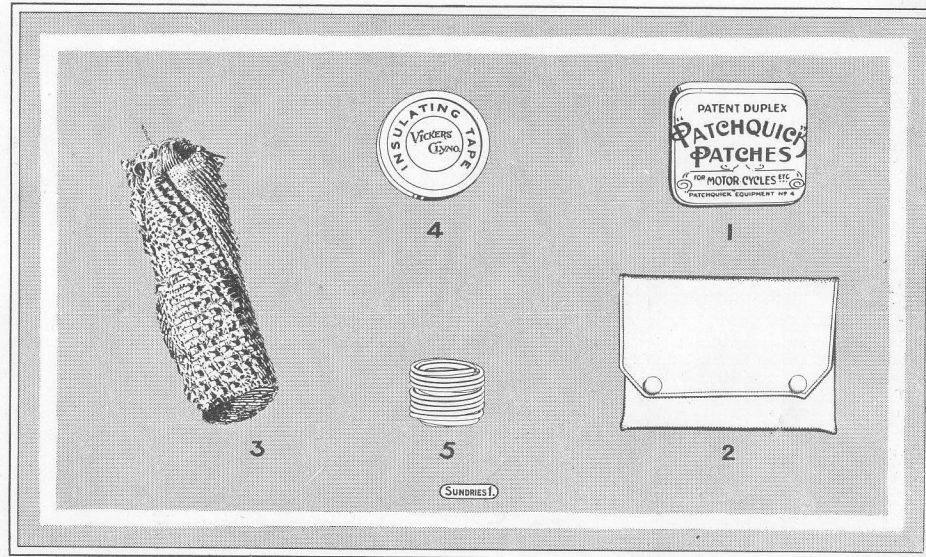
MOTOR
CYCLE.



SUNDRIES.

DIAGRAM No.	DETAIL No.	PART.
1	1039	Tyre repair outfit
2	4153	Waterproof wallet for carrying spare part list, instruction book, etc.
3	4151	Duster
4	4152	Insulating tape
5	4275	Roll of copper wire

(SUNDRIES)



Sidecar.



Sidecar.

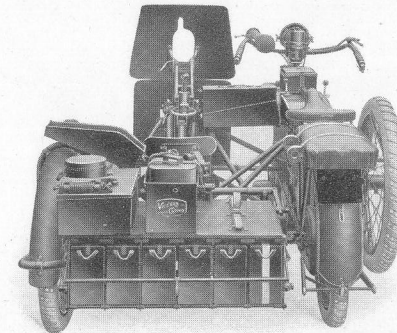
"A"
GUN-
CARRYING
SIDE CAR.
(page 59).

"B"
AMMUNITION-
CARRYING
SIDE CAR.
(Frontispiece).

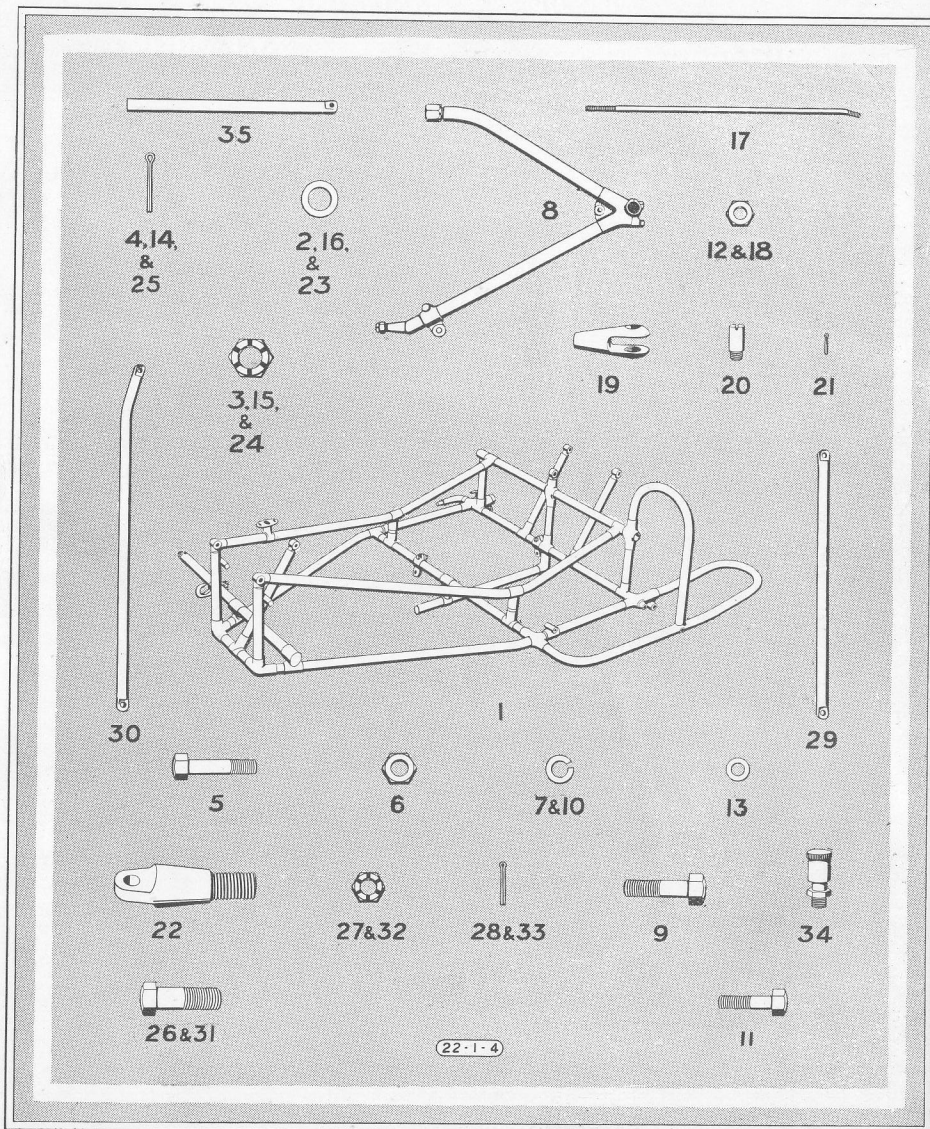
"C"
RESERVE GUN-
CARRYING
SIDE CAR.
(page 3).

"A" and "C" Sidecars are identical except the upper shield and fittings (see pages 64 and 65) which are carried on the "A" Sidecar only. The Mudguard and Tool Box, (page 74), the Wheel (page 76), and the Accessories (pages 78 and 80) are the same for all three types of Sidecars.

The Tyre for all three Sidecars is identical with those used on the Motor Cycle and listed on page 47.

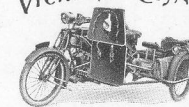


"A" Gun-carrying Sidecar.



SIDECAR "A" & "C" TYPE.

VICKERS-CLYNO

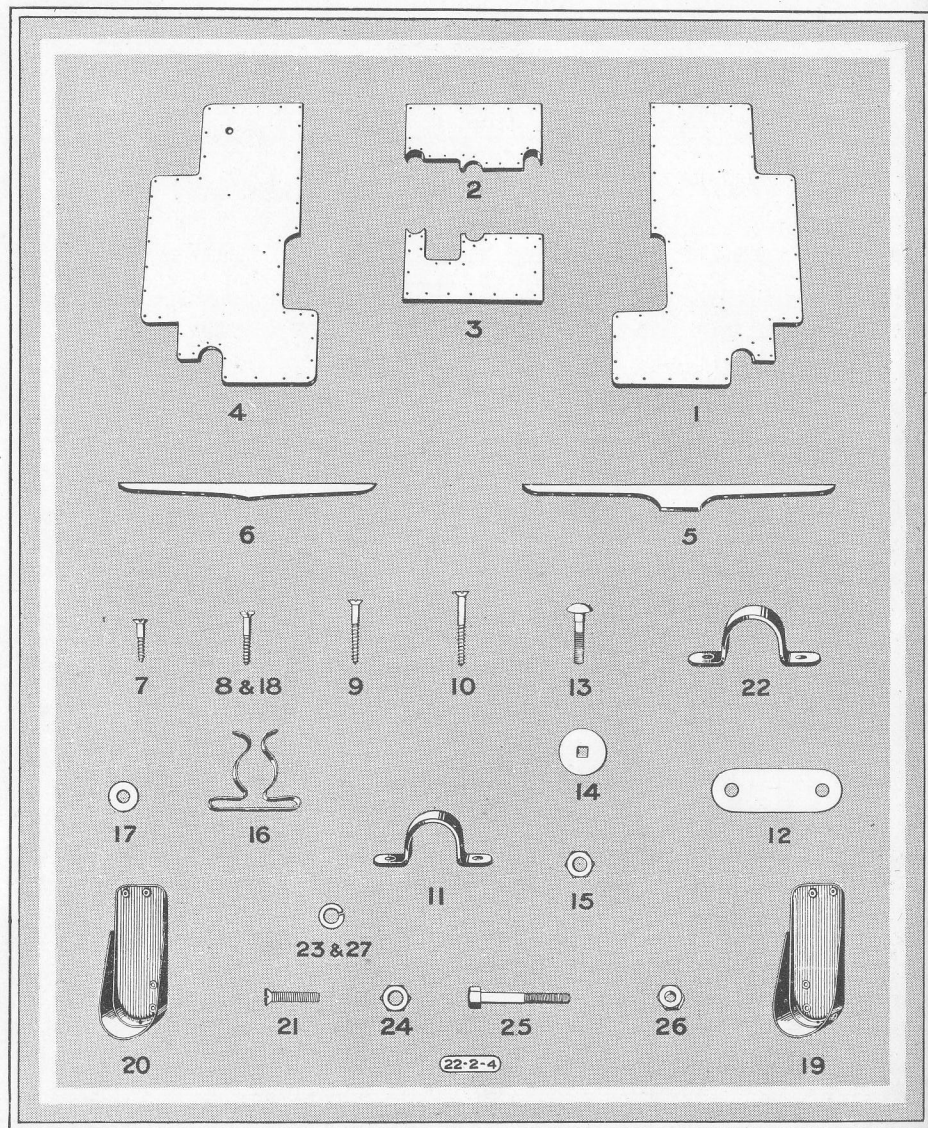


MARK IV.

FRAME AND CONNECTIONS.

DIAGRAM No.	DETAIL No.	PART.
1	3825	Frame complete with all lugs, two bushes in top bar, washer and castle nut on elbow connection
2	2039	Washer
3	3803	Castle nut for elbow connection
4	2066	Split cotter $\frac{1}{8}'' \times 1''$
5	1113	Bolt for front chassis tie clip $\frac{3}{8}'' \times 1\frac{1}{2}''$
6	729	B.S.F. Nut for ditto
7	2082	Spring washer
8	3820	Double front connection complete with cap and bolts, large nut and split cotter, clip with bolt, castle nut, washer and split cotter
9	3352	Set screw for double connection cap $1\frac{7}{8}''$ long
10	2032	Spring washer
11	949	Bolt for yoke and clip $\frac{5}{16}'' \times 1\frac{1}{2}''$ B.S.F.
12	993	B.S.F. Nuts
13	2081	Washer
14	2068	Split cotter for top end of double connection
15	3803	Castle nut for bottom of connection
16	2039	Washer for ditto
17	4130	Stretcher bar
18	993	Locking nut for stretcher bar B.S.F.
19	783	Fork end for either end of stretcher bar
20	782	Fork end pin
21	2060	Split cotter
22	3766	Taper connection
23	2039	Plain washer for taper connection
24	3803	Castle nut for taper connection
25	2066	Split pin for taper connection
26	950	Bolt for yoke end clip and front chassis tie
27	2104	Castle nut for ditto
28	2064	Split cotter for ditto
29	3120	Front saddle connection
30	3364	Back saddle connection
31	950	Bolt for end saddle connections
32	2104	Castle nut
33	2064	Split cotter
34	3852	Grease cup
35	3821	Front chassis tie

22-1-4

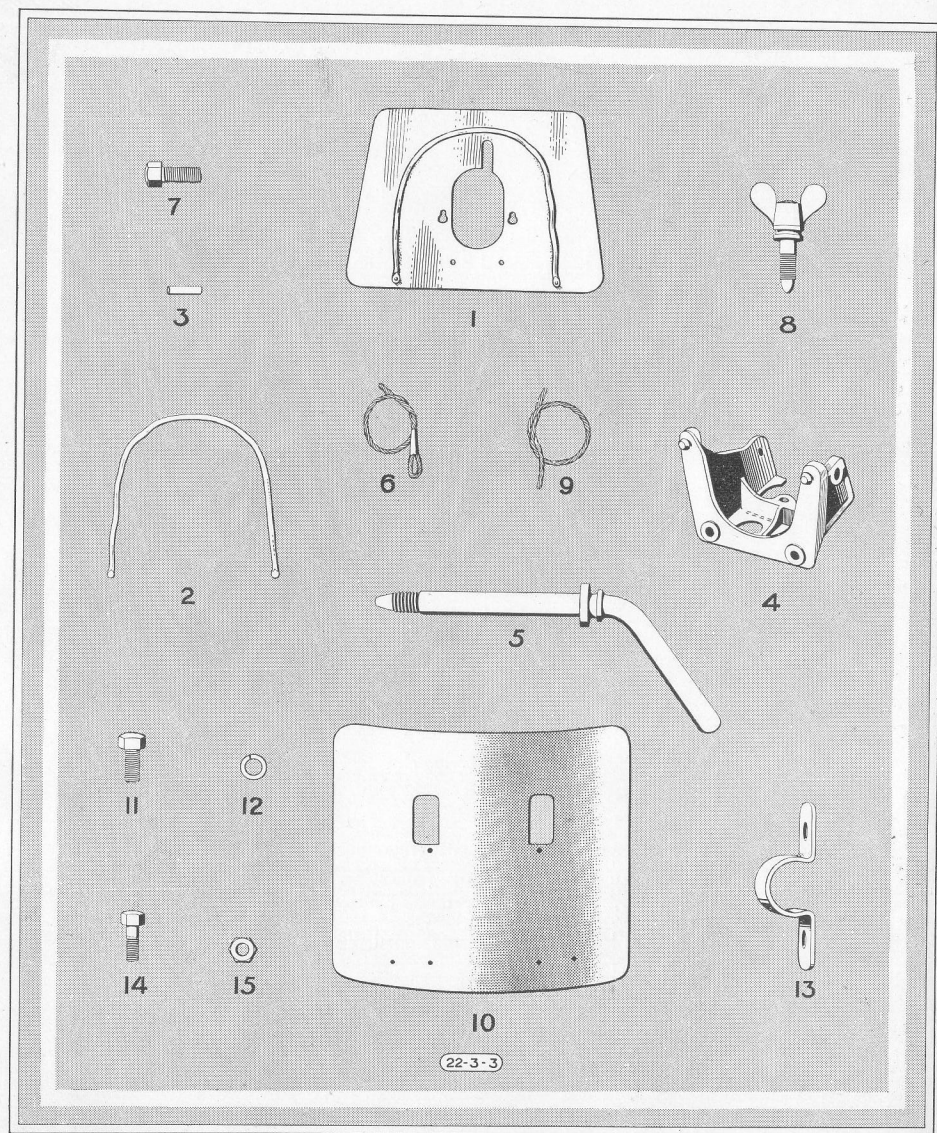


SIDECAR
"A" & "C" TYPE.

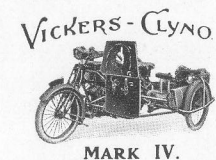


CHASSIS BOARDS
AND FOOTRESTS.

DIAGRAM No.	DETAIL No	PART.
1	3775	R.H. Footboard complete with aluminium covering
2	3777	Front middle board complete with aluminium covering
3	3847	Back middle board complete with aluminium covering
4	3776	L.H. Board complete with aluminium covering
5	3778	Front wood batten
6	3848	Back wood batten
7	2110	Wood screw 1" long
8	2111	Wood screw 1 1/4" long
9	2112	Wood screw 1 1/2" long
10	2113	Wood screw 1 3/4" long
11	1007	"U" Clip for boards
12	3779	Plate for ditto
13	2158	Black snap head bolt
14	1627	Washer 1 1/2" diameter with square hole
15	1559A	1/4" Nut for snap head bolt
16	4053	Spring clip for tyre inflator
17	2033	1/4" Washer for spring clip
18	2111	Wood screw for spring clip
19	3818	R.H. Footrest
20	3819	L.H. Footrest
21	1599	1/4" Countersunk head screw
22	3822	"U" Clip for footrest
23	2081	Spring washer for clip screw
24	1559A	1/4" Nut for countersunk head clip screw
25	859	1/4" Hexagon bolt
26	1559	1/4" Nut
27	2081	1/4" Spring washer



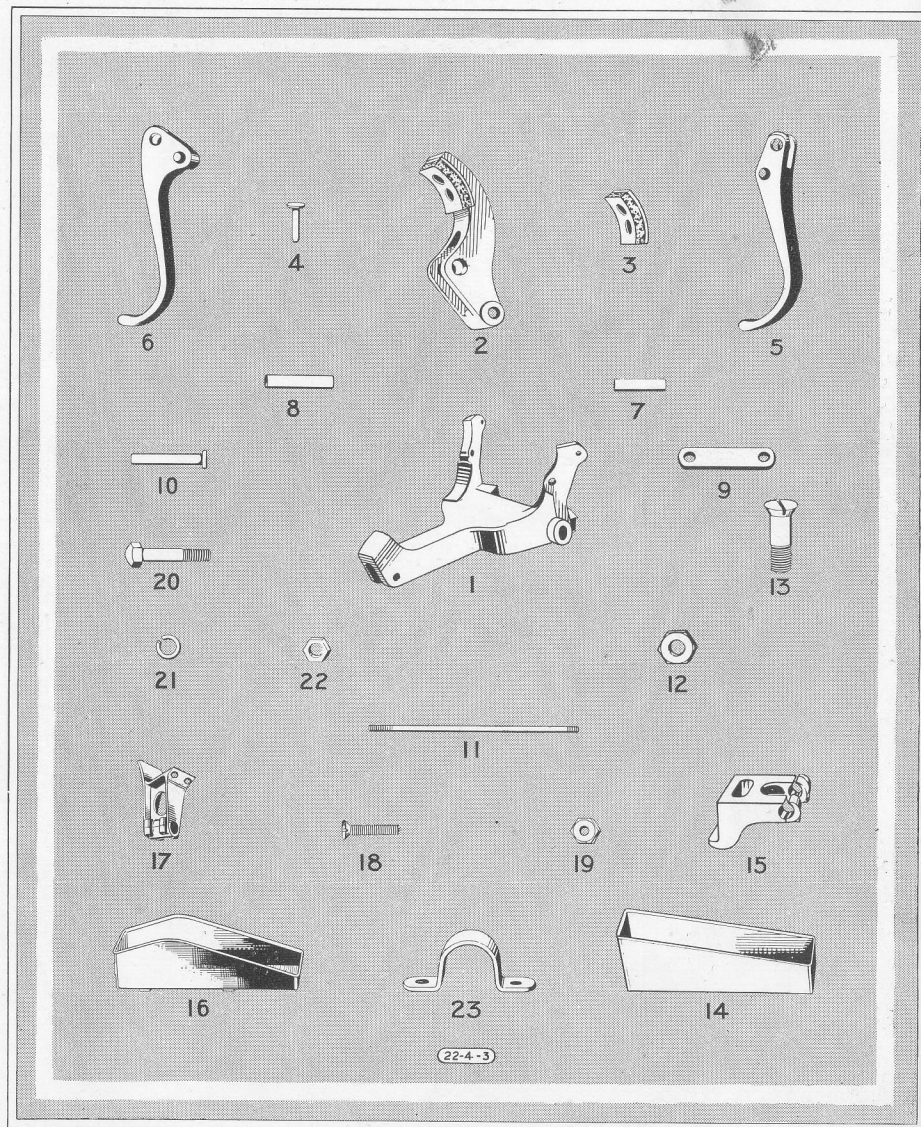
SIDECAR
"A" & "C" TYPE.



UPPER & LOWER
SHIELDS.

DIAGRAM No.	DETAIL No.	PART.
1	3328	Top shield complete with strip
2	3806	Strip only for top shield
3	4146	$\frac{3}{16}$ " Rivet for strip
4	3336	Upper shield bracket
5	3337	Trunnion pin
6	3850	Security wire for ditto
7	3340	Adjusting screw
8	3338/9	Wing screw
9	3642/3	Security wire for ditto
10	3377	Bottom shield
11	3081	$\frac{3}{8}$ " Hexagon set screw
12	2082	$\frac{3}{8}$ " Spring washer
13	2232	"U" Clip
14	912	$\frac{5}{16}$ " Hexagon bolt
15	993	$\frac{5}{16}$ " Nut

NOTE.—The upper shield and fittings are carried on the "A" Sidecar only.



SIDECAR
"A" & "C" TYPE.

VICKERS-CLYNO.

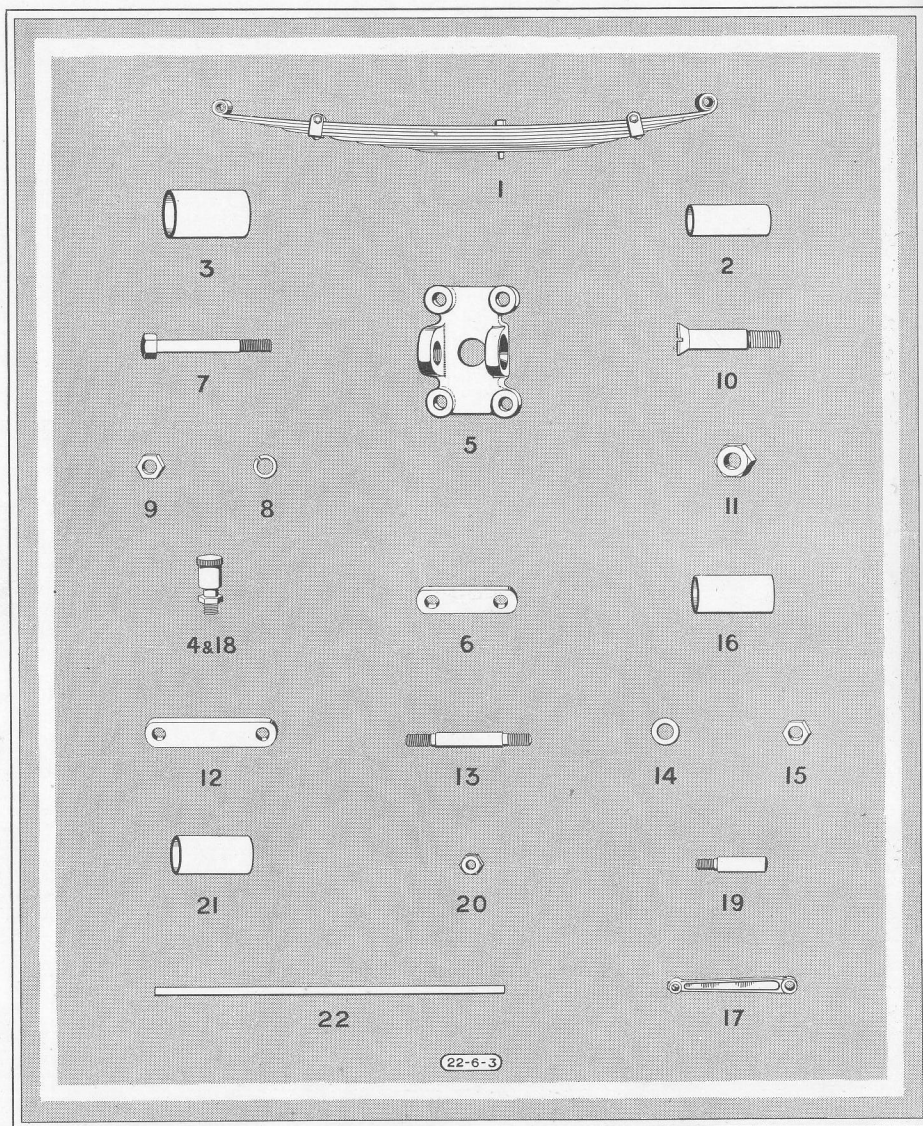


MARK IV.

TRIPOD BRACKET
AND FITTINGS.

DIAGRAM No.	DETAIL No.	PART.
1	3108	Tripod bracket
2	2243	Securing cap with leather
3	4148	Leather only for ditto
4	1553	Rivet for leather
5	2244	Locking lever for front bracket
6	3062	Locking lever for back bracket
7	2240	Hinge pin for locking lever
8	2239	Hinge pin for securing cap $\frac{5}{8}$ " diameter
9	2241	Link
10	2242	Link pin
11	2227	Long bolt for bracket $\frac{1}{2}$ " \times 11"
12	909	$\frac{1}{2}$ " Nut
13	2226	$\frac{1}{2}$ " Countersunk head screw
14	3829	Front ammunition tray
15	2297	Front ammunition tray bracket, complete with caps
16	3324	Back ammunition tray
17	3323	Back ammunition tray bracket, complete with cap
18	1599	$\frac{1}{4}$ " Countersunk head screw
19	1559	$\frac{1}{4}$ " Nut
20	992	$\frac{5}{16}$ " \times $1\frac{1}{16}$ " Bolt
21	2081	Spring washer
22	993	$\frac{5}{16}$ " Nut
23	1007	Clip for back ammunition tray

(22-4-3)



22-6-3

SIDECAR
"A" & "C" TYPE.

VICKERS-CLYNE

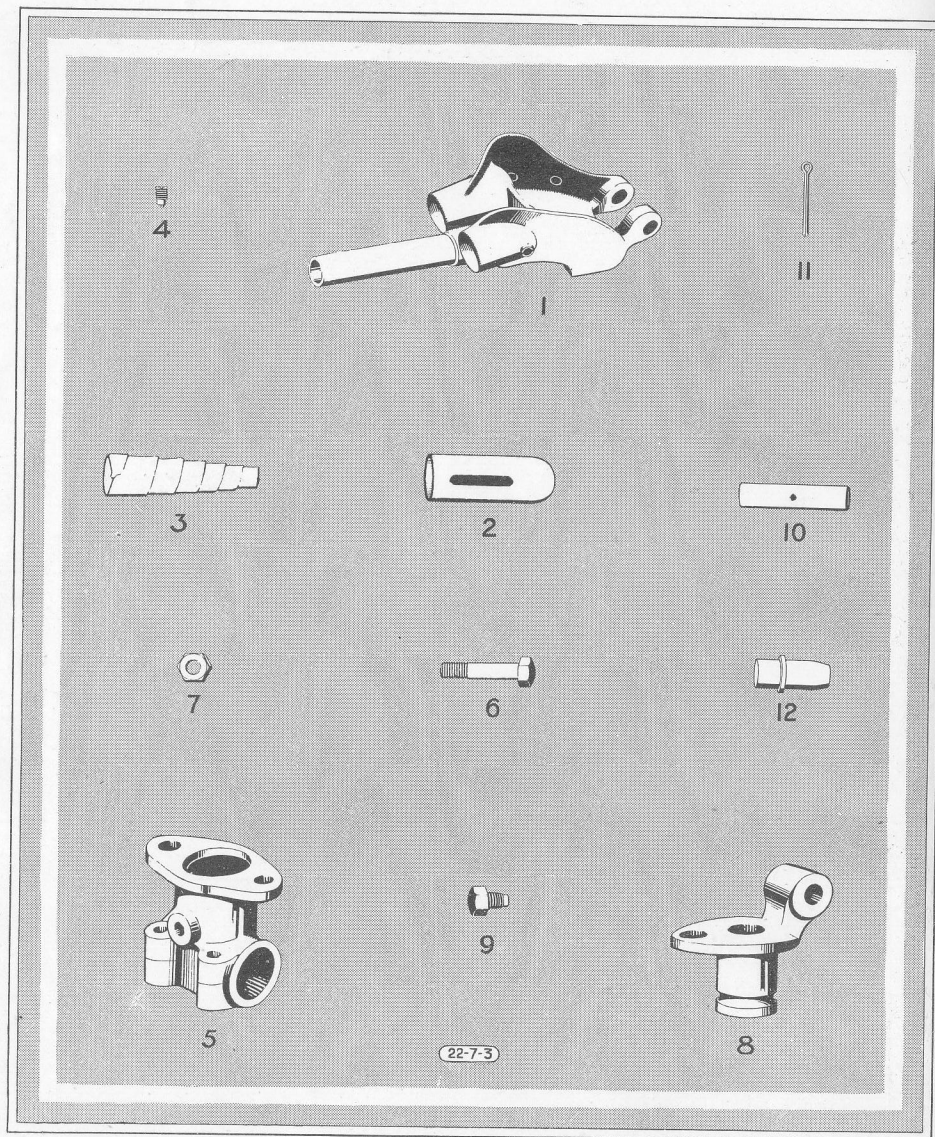


MARK IV.

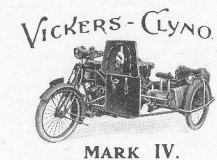
SPRINGS AND
RADIUS ARMS.

DIAGRAM No.	DETAIL No.	PART.
1	3327	Spring complete with two bushes and clips
2	3253	Small bush
3	2196	Large bush
4	3852	Grease cup
5	3246	Spring pad
6	3254	Strap plate for pad
7	3353	$\frac{5}{16}$ " Clip bolt
8	2081	$\frac{5}{16}$ " Spring washer
9	993	$\frac{5}{16}$ " Nut
10	2225	Countersunk head fulcrum pin $\frac{7}{16}$ "
11	809	$\frac{7}{16}$ " Nut
12	3249	Link for front end of spring
13	3250	Swivel pin for link
14	3251	Distance washer
15	993	$\frac{5}{16}$ " Nut
16	2195	Steel bush for back end of spring $\frac{5}{8}$ " diameter, $\frac{1}{2}$ " bore
17	3342	Radius arm link for grid
18	3852	Grease cup
19	1097	$\frac{3}{8}$ " Cotter pin
20	1559	$\frac{1}{4}$ " Nut for ditto
21	2195	Steel bush for link $\frac{5}{8}$ " diameter, $\frac{1}{2}$ " bore
22	3345	Link swivel tube

22-6-3



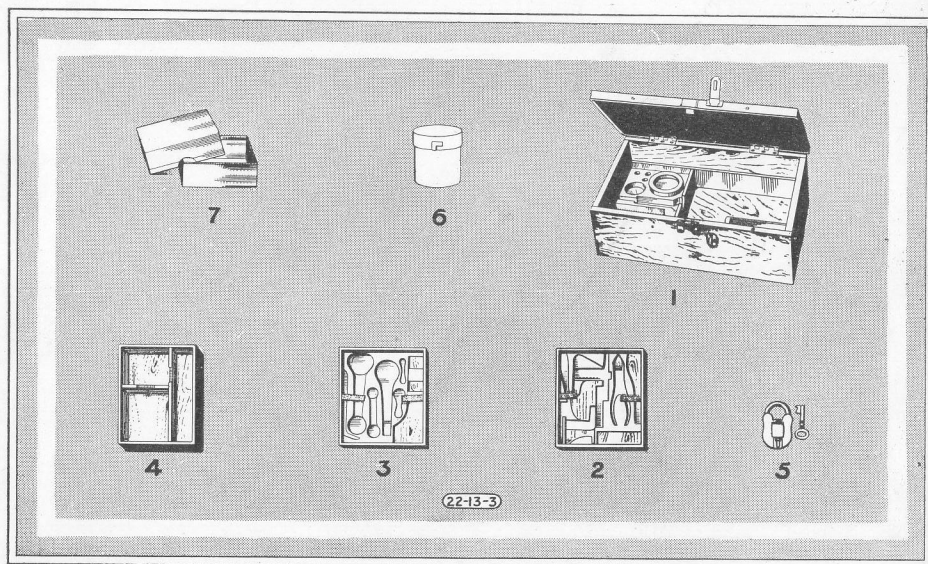
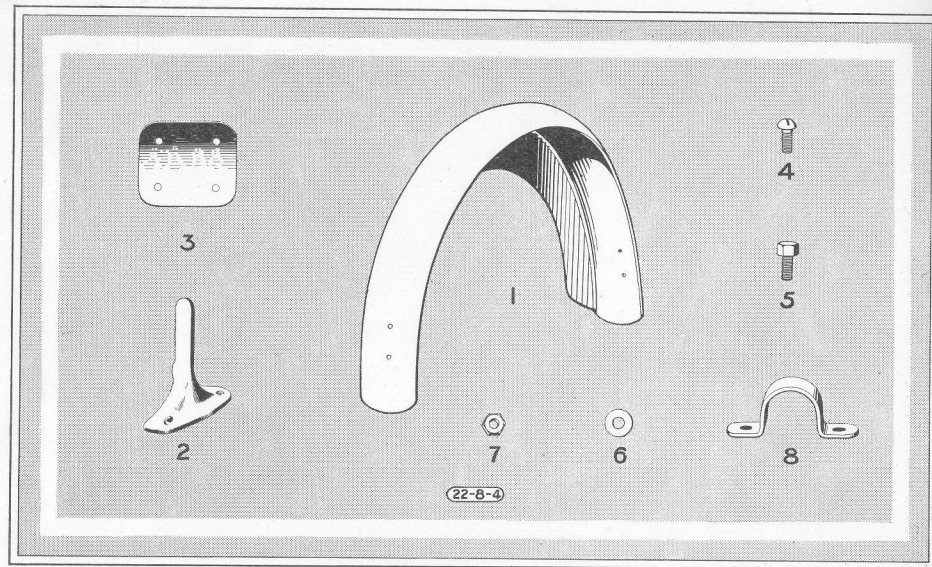
SIDECAR
"A" & "C"
TYPE.



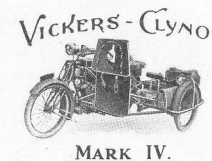
TRIPOD STOP
and
SADDLE BRACKET.

DIAGRAM No.	DETAIL No.	PART.
1	3416	Saddle tube bracket
2	3417	Spring plunger
3	3418	Spring
4	3419	Plunger screw stop
5	3064	Saddle swivel bracket
6	1112	$\frac{5}{16}$ " Bolt, $1\frac{1}{2}$ " long
7	993	$\frac{5}{16}$ " Nut
8	3065	Saddle swivel
9	3096	Retaining screw for bracket
10	3067	Pin for saddle tube bracket
11	2070	Split cotter for ditto
12	3066	Locating peg

22-7-3

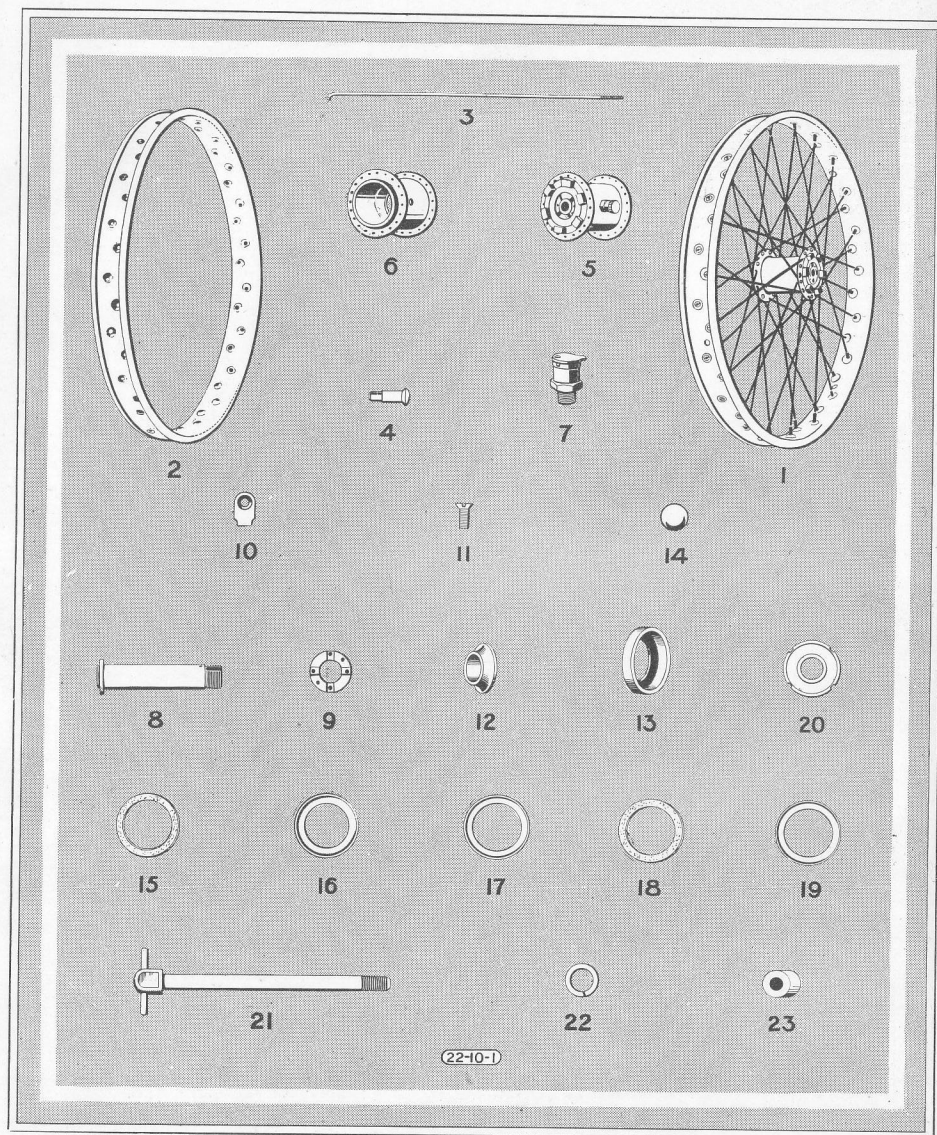


SIDECAR
"A," "B" & "C"
TYPE.

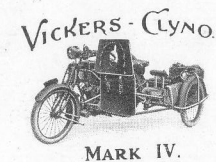


MUDGUARD
and
TOOL BOX.

DIAGRAM No.	DETAIL No.	PART.
1	1005	Mudguard blade
2	3874	Lamp bracket
3	3880	Plate for lamp bracket
4	1254	$\frac{1}{4}$ " Round head screw
5	661	$\frac{1}{4}$ " Hexagon head screw
6	2033	$\frac{1}{4}$ " Washer
7	1559	$\frac{1}{4}$ " Nut
8	1007	"U" Clip
9	3115	Rivet for lamp bracket (<i>not illustrated</i>)
22-8-4		
1	4297	Tool box with metal top and hasp (without trays)
2	4201	No. 1 Tray
3	4199	No. 2 Tray
4	4203	No. 3 Tray
5	3785	Padlock and key
6	4204	Small round tin complete with felt linings for carrying small parts
7	4202	Rectangular metal box for carrying chain spares
22-13-3		



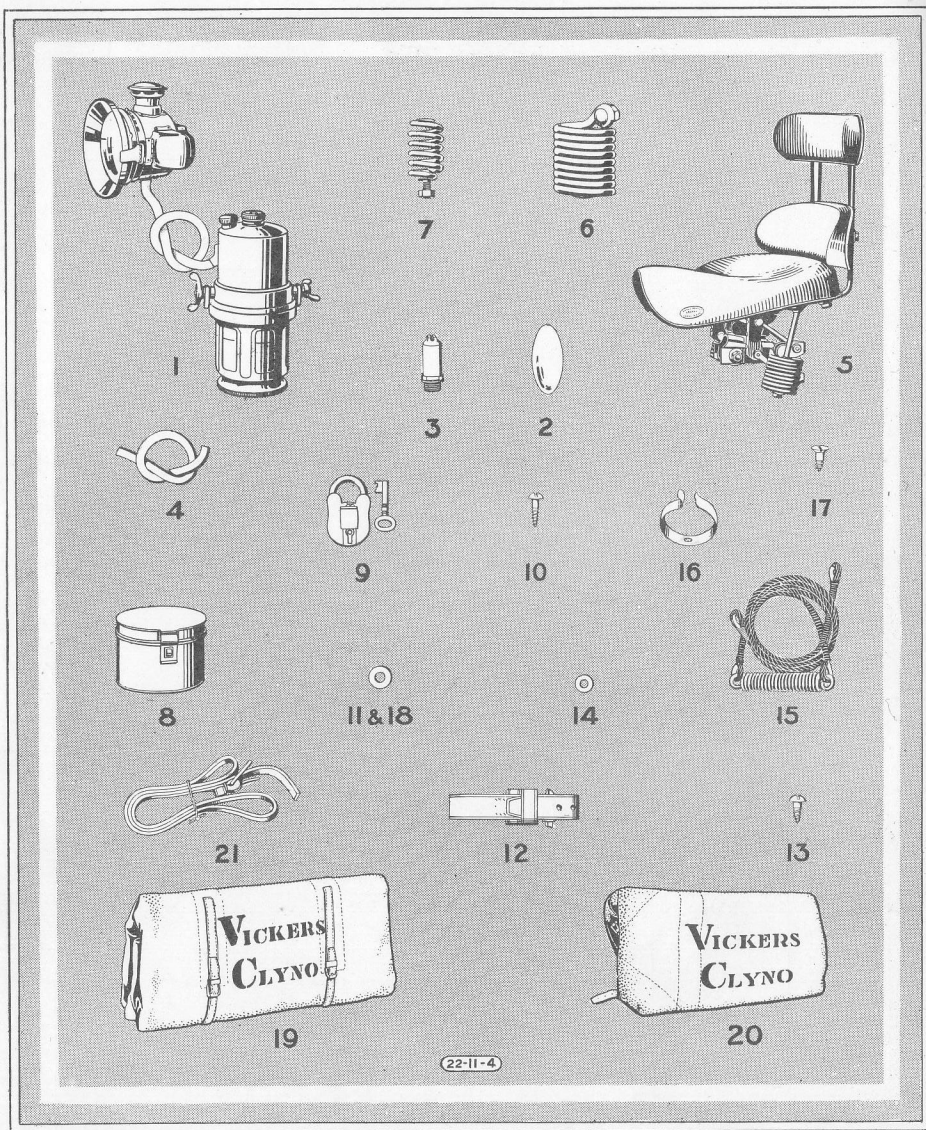
SIDECAR
"A," "B" & "C"
TYPE.



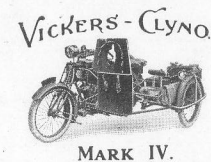
WHEEL.

DIAGRAM No.	DETAIL No.	PART
1	3505	Wheel complete
2	823	Rim only drilled and enamelled
3	792	Spoke
4	793	Nipple
5	3504	Hub complete
6	795	Hub shell only
7	1566	Lubricator for hub shell
8	799	Hub spindle
9	800	Hub spindle round nut
10	773	Locking plate for ditto
11	753	$\frac{1}{8}$ " Lock screw for ditto
12	818	Hub cone
13	817	Hub cup
14	1561	$\frac{5}{16}$ " Ball
15	1562	Thick felt washer
16	797	Retaining ring for thick felt washer $\frac{5}{16}$ " wide, $1\frac{3}{8}$ " hole
17	796	Separating washer $\frac{1}{8}$ " thick, $1\frac{1}{2}$ " hole
18	1563	Thin felt washer
19	798	Retaining ring for thin felt washer $\frac{3}{16}$ " wide, $1\frac{1}{2}$ " hole
20	801	End cover for hub
21	3258	Sidecar wheel spindle bolt
22	2084	Spring washer for ditto
23	936	Distance piece for ditto

(22-10-1)

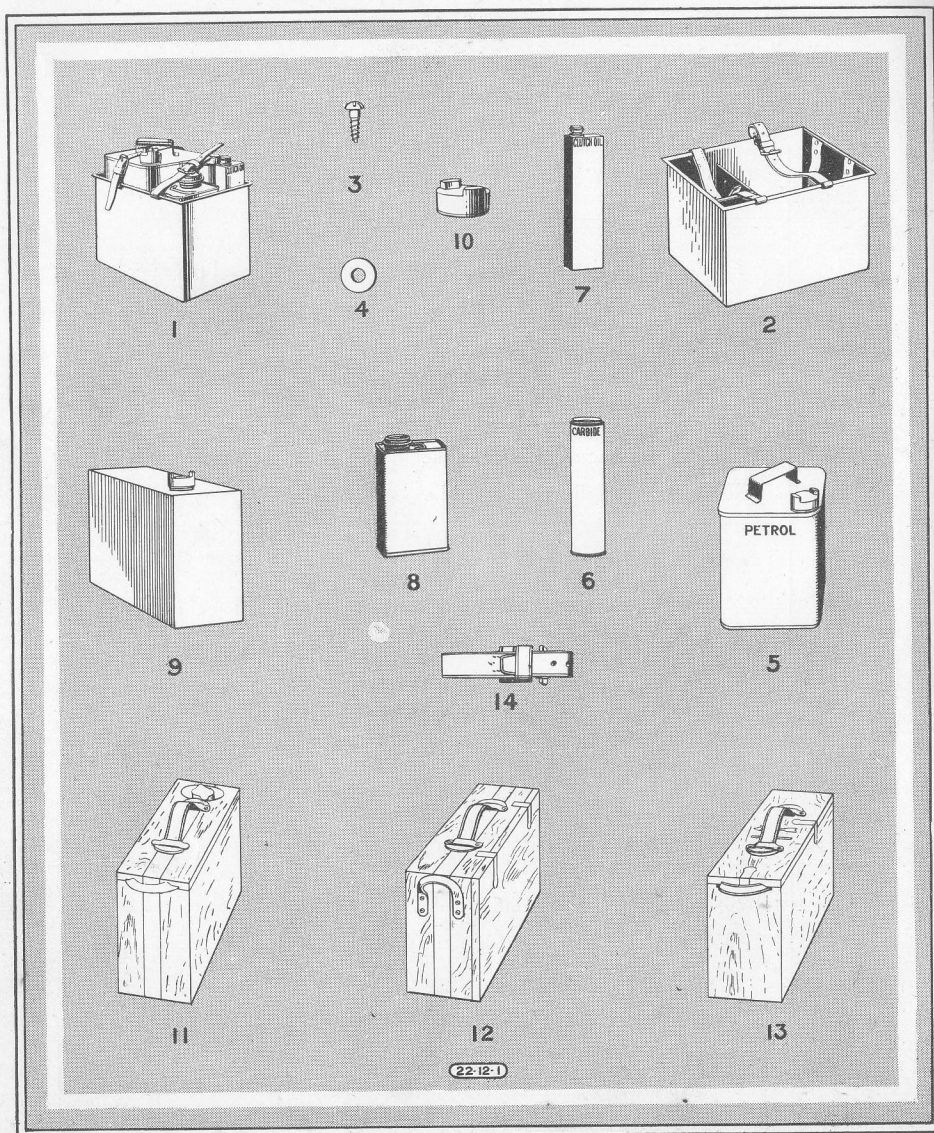


SIDECAR
"A," "B" & "C"
TYPE.

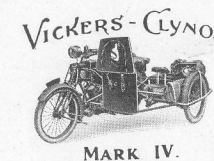


ACCESSORIES.

DIAGRAM No.	DETAIL No.	PART.
1	3381	Sidecar lamp complete with special bracket and generator
2	4072	Front glass for lamp
3	4073	Burner for lamp
4	4075	Rubber connection for lamp
5	3767	Brooks saddle complete with special back rest
6	4058	Large spring for saddle
7	4059	Small spring for saddle
8	3390	Spare tube case complete with felt linings
9	3785	Padlock and key for tube case
10	2117	Round head screw for securing tube case to top of box
11	2033	Washer for ditto
12	3784	$\frac{5}{8}$ " Strap 9" long for securing tow rope
13	2118	Round head screw for strap
14	2032	$\frac{3}{16}$ " Washer for screw
15	3382	Spring fitted tow rope complete
16	3783	Spring clip for holding tow rope
17	2119	Screw for clip
18	2033	Washer for fitting under clip
19	4076	Cover for complete outfit
20	4077	Undershield for sidecar ("A" and "C" outfits only)
21	4078	Strap 1" x 2'6"

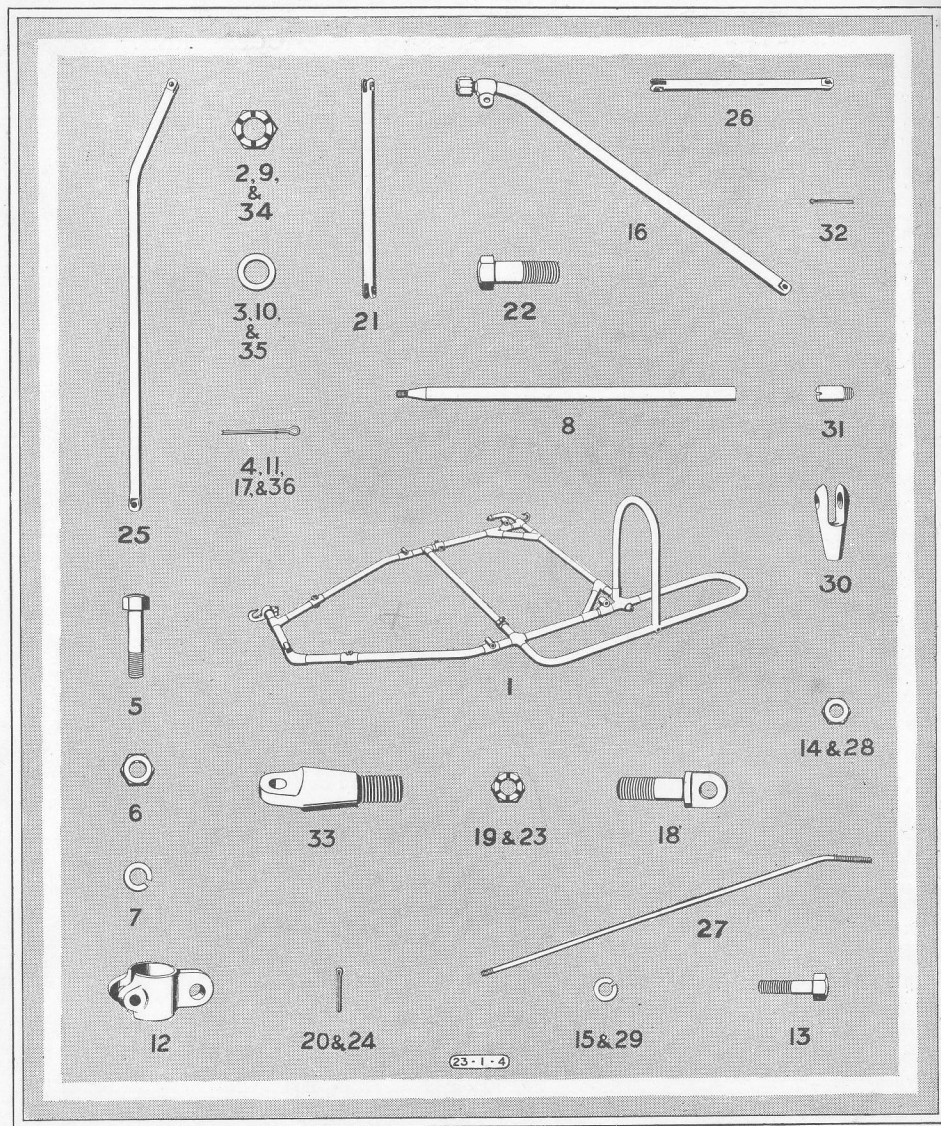


SIDECAR
"A," "B" & "C"
TYPE.

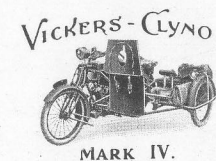


ACCESSORIES.

DIAGRAM No.	DETAIL No.	PART.
1	4079	Metal carrier case with linings and fitted up complete with spare petrol tin, clutch oil tin, engine oil tin, and carbide tin with securing straps
2	4080	Metal carrier case only with felt linings
3	2109	Round head screw for securing carrier case to board
4	2033	$\frac{1}{2}$ " Washer for screw
5	3368	Spare petrol can only
6	3370	Carbide tin
7	3774	Clutch oil tin
8	3369	Oil tin
9	3392	Special spare petrol tank (carried on "B" outfits only)
10	4081	Screw cap for petrol tank (9) and petrol can (5)
11	4196	Water box, white stripe (carried on "A" and "C" outfits only)
12	4197	Gun tool box, red stripe (carried on "A" outfits only)
13	4194	Ammunition box
14	3784	$\frac{5}{8}$ " Strap for ditto
15	4195	Ammunition belt



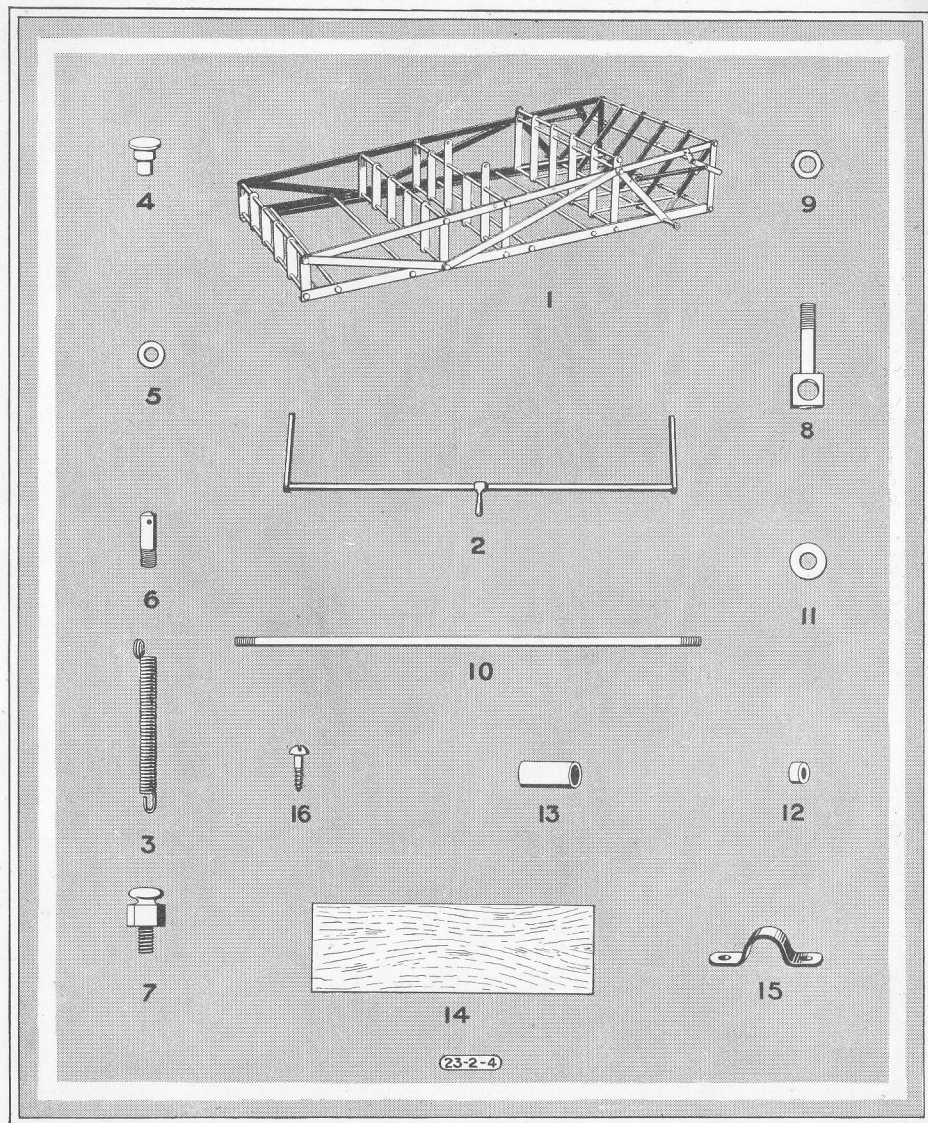
SIDECAR
"B" TYPE.



FRAME AND
CONNECTIONS.

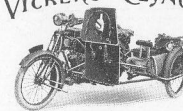
DIAGRAM No.	DETAIL No.	PART.
1	3802	Frame complete with all lugs, $\frac{5}{8}$ " castle nut, washer and cotter on bottom elbow
2	3803	$\frac{5}{8}$ " Castle nut
3	2039	$\frac{5}{8}$ " Washer
4	2066	Split cotter $\frac{1}{8} \times 1"$
5	1113	$\frac{1}{2}$ " Bolt for front tow hook clip, $1\frac{1}{2}"$ long B.S.F.
6	729	$\frac{1}{2}"$ Nut B.S.F.
7	2082	$\frac{1}{2}"$ Spring washer
8	3771	Bottom front connection
9	3803	$\frac{5}{8}"$ Castle nut
10	2039	$\frac{5}{8}"$ Washer
11	2066	Split cotter $\frac{1}{8} \times 1"$
12	994	Yoke end clip
13	949	$\frac{5}{16}"$ Bolt for yoke end clip, $1\frac{1}{2}"$ long B.S.F.
14	993	$\frac{5}{16}"$ B.S.F. Nut
15	2081	$\frac{1}{2}"$ Spring washer
16	3770	Top front connection complete with large nut cotter and yoke end clip
17	2068	Split cotter $\frac{1}{8} \times 1\frac{1}{2}"$
18	3768	Eye bolt for bottom yoke end
19	2104	$\frac{1}{2}"$ Castle nut
20	2064	Split cotter $3/32$
21	3769	Front connection tie
22	950	Yoke end bolt $\frac{1}{2} \times 1\frac{1}{2}"$ B.S.F. (for either front connections or saddle pin connections)
23	2104	$\frac{1}{2}"$ Castle nut
24	2064	Split cotter $3/32$
25	3765	Long saddle connection
26	3804	Short saddle connection
27	3772	Stretcher bar
28	993	$\frac{9}{16}"$ Nut B.S.F.
29	2081	$\frac{1}{2}"$ Spring washer
30	783	Fork end
31	782	Fork end pin
32	2060	Split cotter $\frac{1}{16}"$
33	3766	Taper connection
34	3803	$\frac{5}{8}"$ Castle nut
35	2039	$\frac{5}{8}"$ Washer
36	2066	Split cotter $\frac{1}{8} \times 1"$

(23-1-4)



SIDECAR
"B" TYPE.

VICKERS-CLYNO



MARK IV.

GRID AND
FITTINGS.

DIAGRAM No.	DETAIL No.	PART.
1	4414	Grid complete with locking bar and springs
2	3861	Locking bar and arms only
3	3807	Locking bar spring
4	3452	Stud for locking bar
5	3453	Distance piece for ditto
6	784	Spring eye
7	718	Spring anchor pin
8	2274	Swivel bar bearing
9	909	$\frac{1}{2}$ " Nut for bearing or swivel bar
10	2288	Swivel bar
11	2047	$\frac{1}{2}$ " Washer
12	3374	Distance piece for swivel bar, $\frac{3}{4}$ " diameter, $\frac{1}{2}$ " hole, $\frac{3}{16}$ " thick
13	2285	Bush for swivel bar bearing, $1\frac{1}{8}$ " long, $\frac{5}{8}$ " diameter, $\frac{1}{2}$ " hole
14	3862	Tank board
15	1023	Clip for ditto
16	2116	Wood screw $\frac{1}{2}$ " No. 8

(23-2-4)

VICKERS-CLYNO.



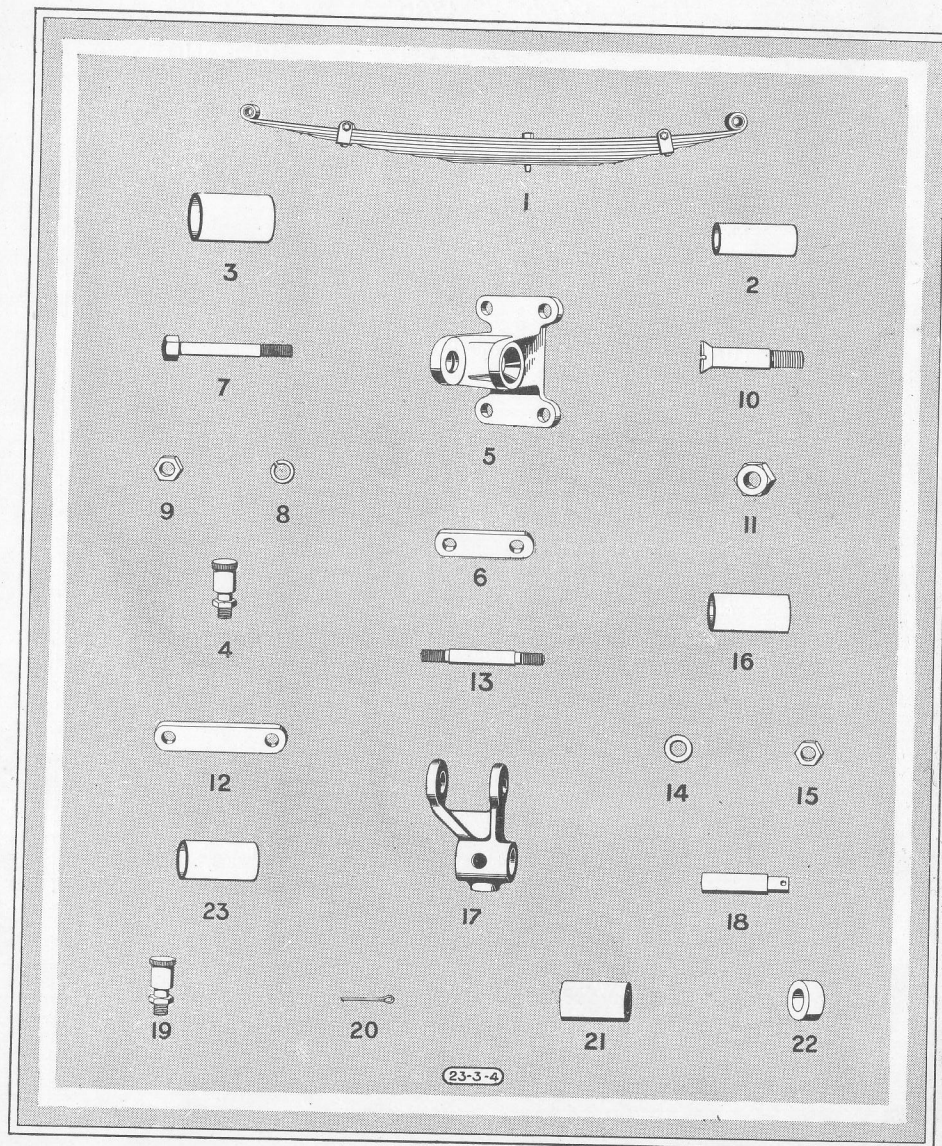
MARK IV.

MOTOR
CYCLE.

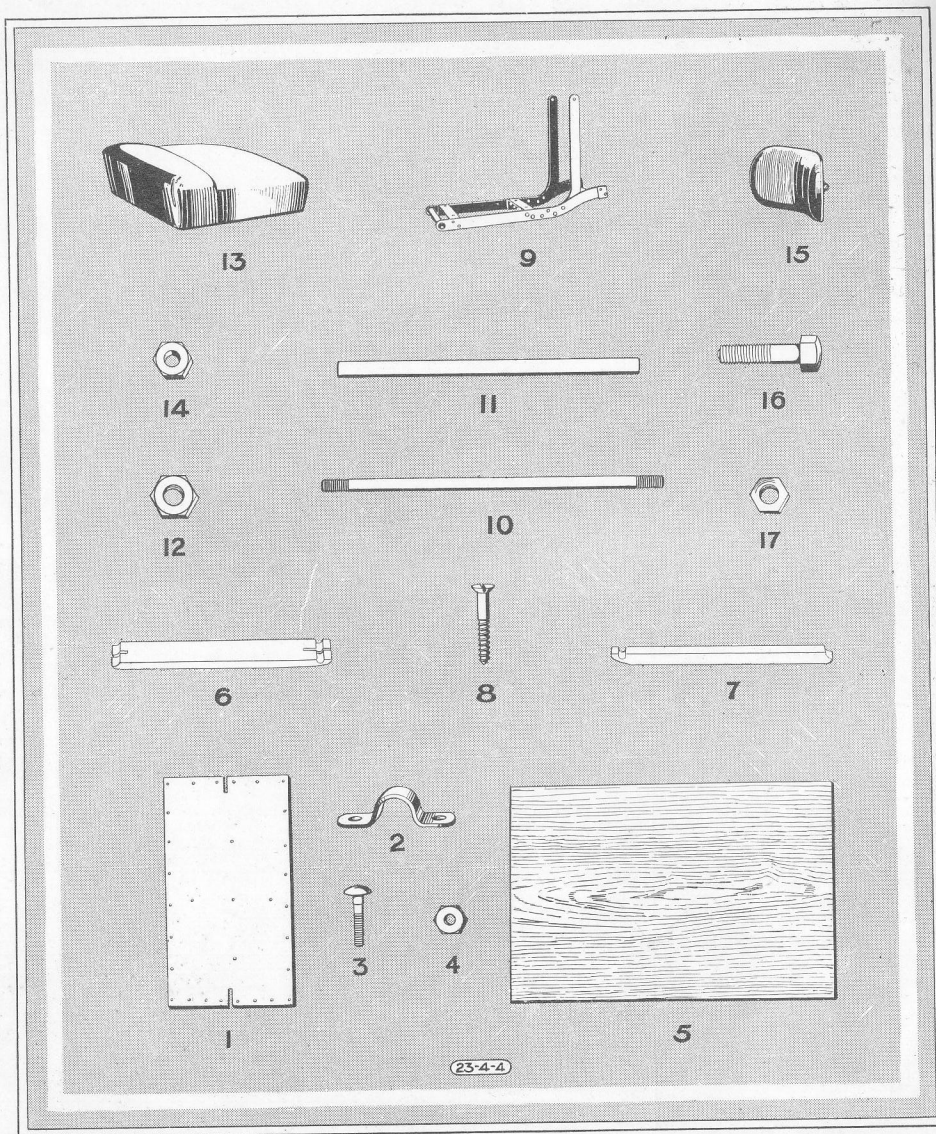
SPRINGS AND
FITTINGS.

DIAGRAM No	DETAIL No.	PART.
1	3327	Spring complete with two bushes and clips
2	3353	Small bush
3	2196	Large bush
4	3852	Grease cup
5	3839	Spring pad
6	3254	Strap plate
7	3353	$\frac{5}{16}$ " Spring clip bolt
8	2081	$\frac{5}{16}$ " Spring washer
9	993	$\frac{5}{16}$ " Nut
10	2225	Countersunk head fulcrum pin
11	809	$\frac{7}{16}$ " Nut
12	3249	Link for front end of spring
13	3250	Swivel pin for link
14	3251	Distance washer
15	993	$\frac{5}{16}$ " Nut
16	2195	Steel bush for back end of spring
17	2272	Spring shackle for back end of spring
18	2283	Spring shackle pin
19	3852	Grease cup
20	2071	Split cotter
21	3487	Long distance piece
22	3486	Short distance piece
23	2195	Steel bush for spring shackle

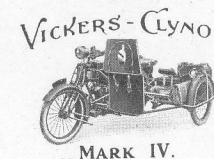
(23-3-4)



(23-3-4)



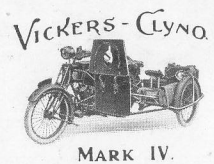
SIDECAR
"B" TYPE.



FOOTBOARDS
AND SEAT.

DIAGRAM No.	DETAIL No.	PART.
1	3863	Footboard with aluminium covering
2	1023	Clip
3	2158	$\frac{1}{4}$ " Snap head black bolt
4	1559A	$\frac{1}{4}$ " Whitworth nut
5	3391	Top board
6	3318	Wide guide block
7	3320	Narrow guide block
8	2111	Wood screw No. 10, $1\frac{1}{4}$ " long
9	4068	Seat frame
10	2276	Seat hinge rod
11	3006	Distance tube
12	729	$\frac{3}{8}$ " Nut
13	3004	Padded seat
14	1559A	$\frac{1}{4}$ " Nut (Whitworth)
15	3005	Back rest
16	912	$\frac{5}{16}$ " Bolt, $\frac{3}{4}$ " long
17	993	$\frac{5}{16}$ " Nut

SIDECAR
"B" TYPE.

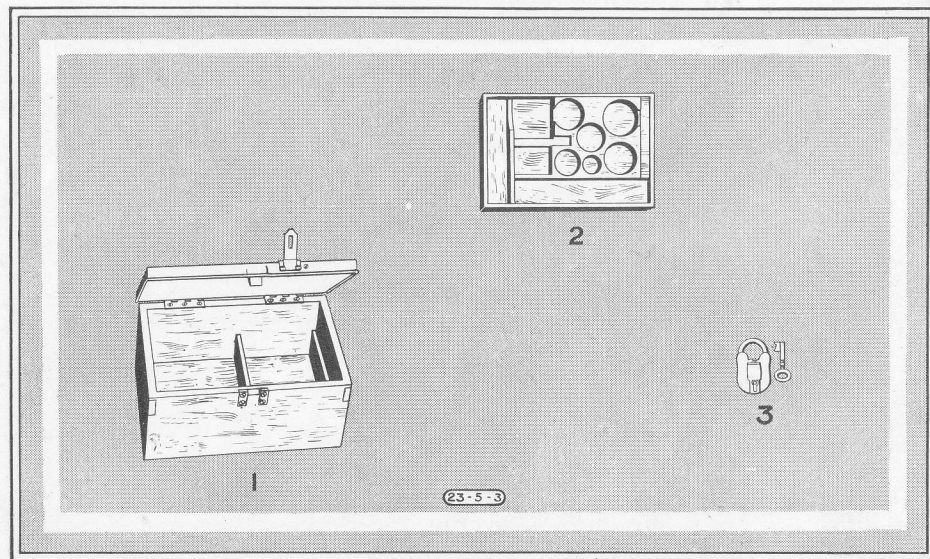


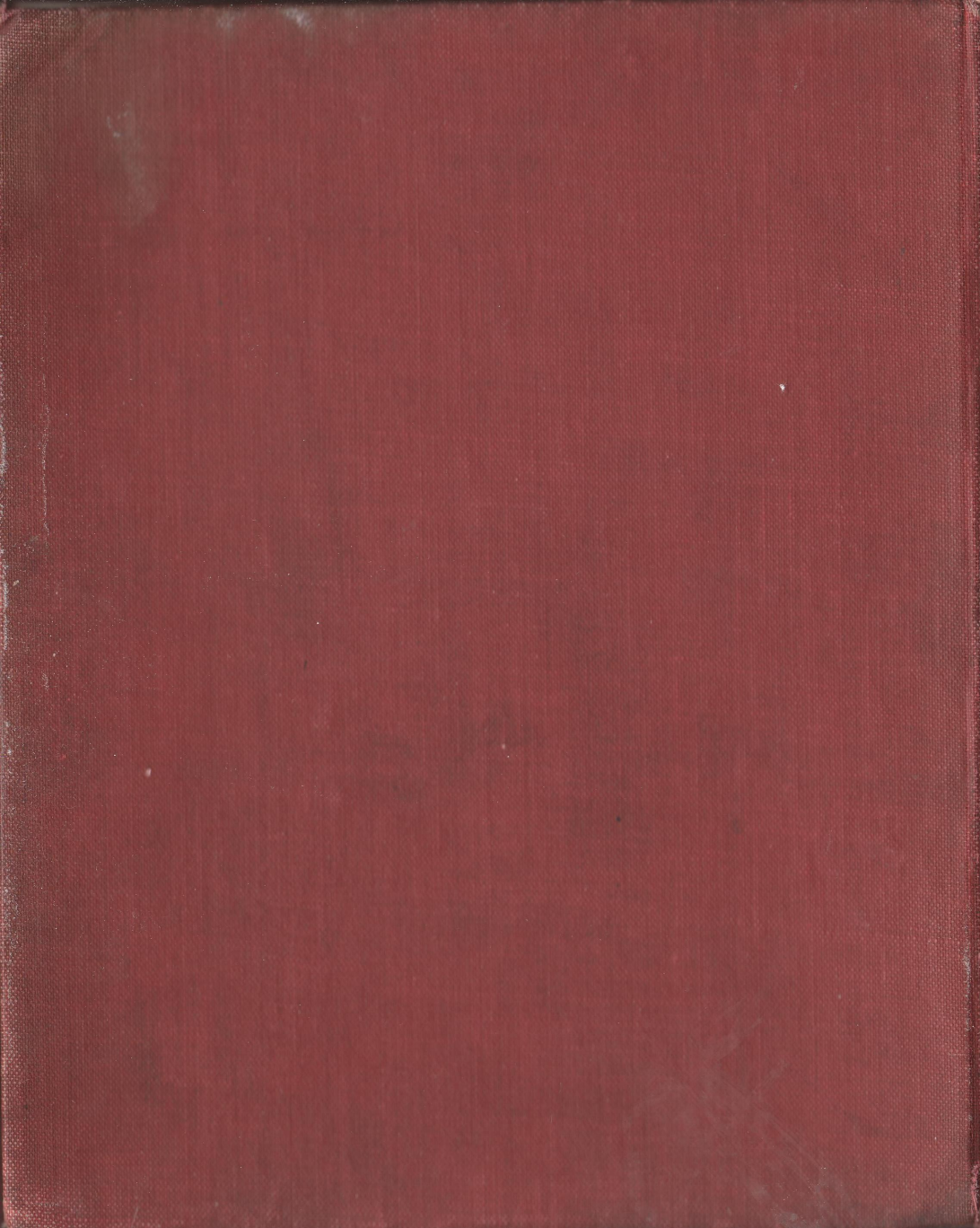
SPARES
BOX.

NOTES.

DIAGRAM No.	DETAIL No.	PART.
1	3010	Box with metal top and hasp (without tray)
2	4205	Tray for ditto
3	3785	Padlock and key

(23-5-3)







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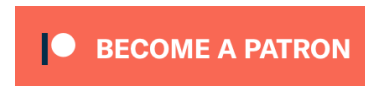
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